Grade 2

Math Skills

- Addition
- Subtraction
- Regrouping
- Telling Time
- Metric Units
- Problem Solving

IN ASSOCIATION WITH
Harcourt Family Learning™

Math Skills

Grade 2

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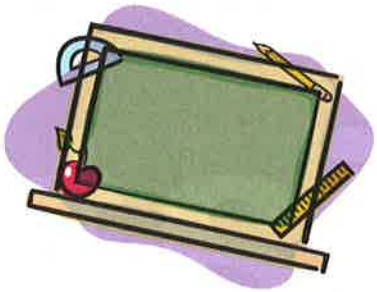


Dear Parent,

You've already taken the first step toward your child's success by purchasing this book and making time to work with your child. Using *Math Skills* as a learning tool will make that time effective. This book contains fun illustrations and activities to keep your young learner entertained. In addition, *Math Skills* includes materials required by both state and national standards. If your child is learning it in school, this book covers it.

Starting with basics like place value and counting, followed by addition and subtraction with and without regrouping, your child will learn all the facts necessary to understanding second-grade math. In this book you'll also find sections on money, time, geometry and measurement. Throughout each unit, your child will be given ample opportunity to estimate, compare, find patterns, and use logic. Exercises like these help your child develop important thinking and problem-solving skills. These areas of knowledge are the foundation upon which your child will build more complex math skills.

One of the most difficult things about math is the potential frustration it poses for some young learners. *Math Skills* counteracts this problem by providing examples on almost every page. The harder topics are covered from many different angles, to ensure that your child can move forward snag-free, without giving up. In addition, the answer key at the back of the book can act as a reference for you and your child.

As you and your child work through the book, try to show your child how to apply new skills to everyday situations. For example, have your child estimate how many dozen eggs will be needed to make breakfast for the family for a week, or how much fencing will be needed to enclose your garden. As your child draws connections between concepts presented separately in this workbook, he or she learns to reason mathematically, an ability critical for success through future years of math instruction.

Also, consider how you can turn the following activities into fun math exercises for you and your child to do together:

- Determining the proper number of coins needed to buy different items at the grocery store;
- Calculating how much change will be given after a purchase;
- Estimating how much time is left before the next planned activity of the day;
- Making graphs to organize information, such as household chores or school progress;
- Using an inch ruler to chart the growth progress of a houseplant;
- Measuring ingredients for a recipe;
- Identifying symmetrical or congruent shapes in your home or around your neighborhood.

Use your imagination. With help from you and this workbook, your child is well on the way to math success!

Table of Contents

unit 1

Counting and Place Value

unit 2

Addition

unit 3

Subtraction

unit 4

Money

unit 5

Time

unit 6

Geometry

unit 7

Measurement

unit 1
counting and place value

Counting to 50

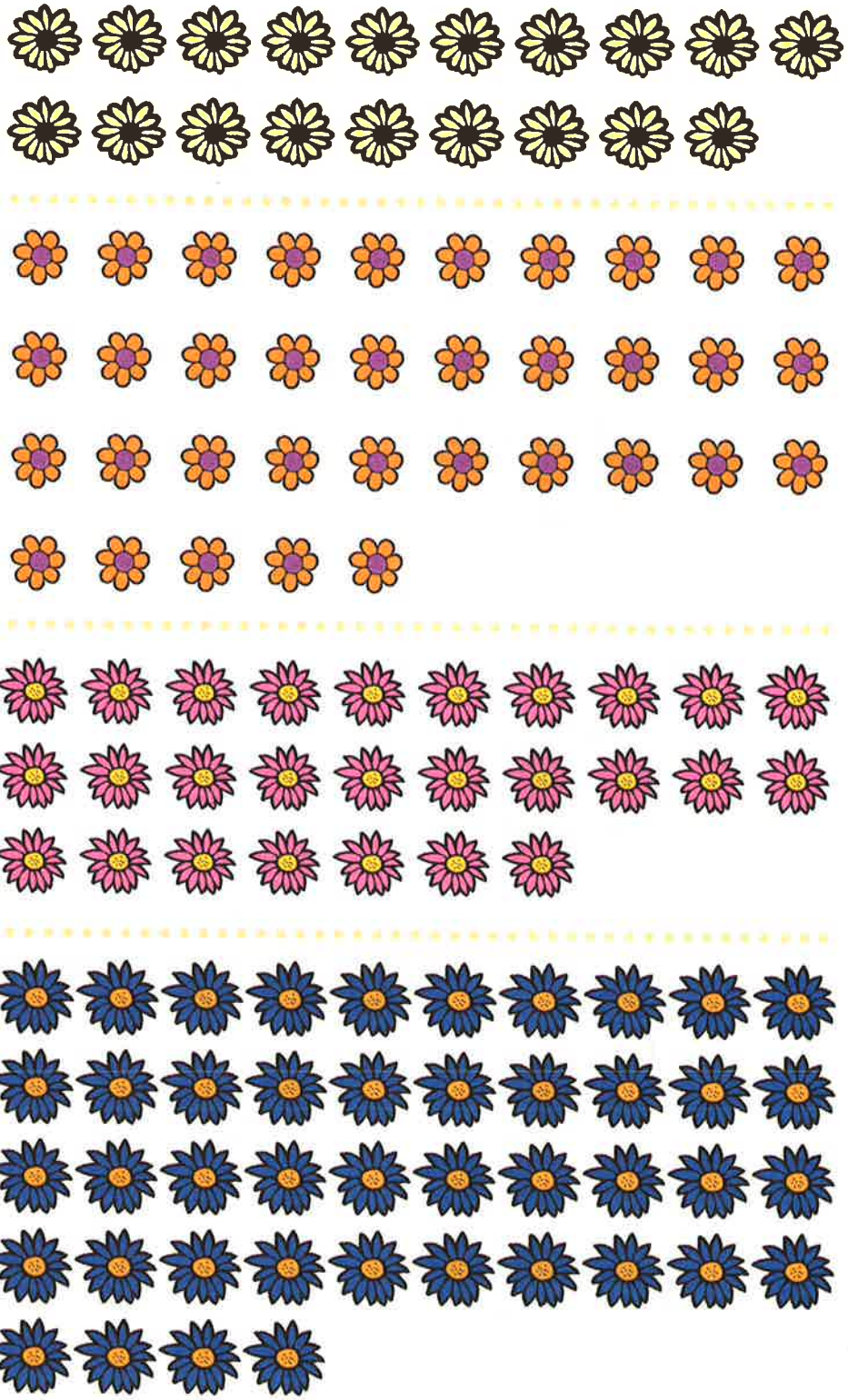
Draw lines to match numbers and groups.

27

44

19

35



Counting to 50

Write the missing numbers.

1	2	3						9	10

11					16		18		

		23				27			

	32			35					

			44					50

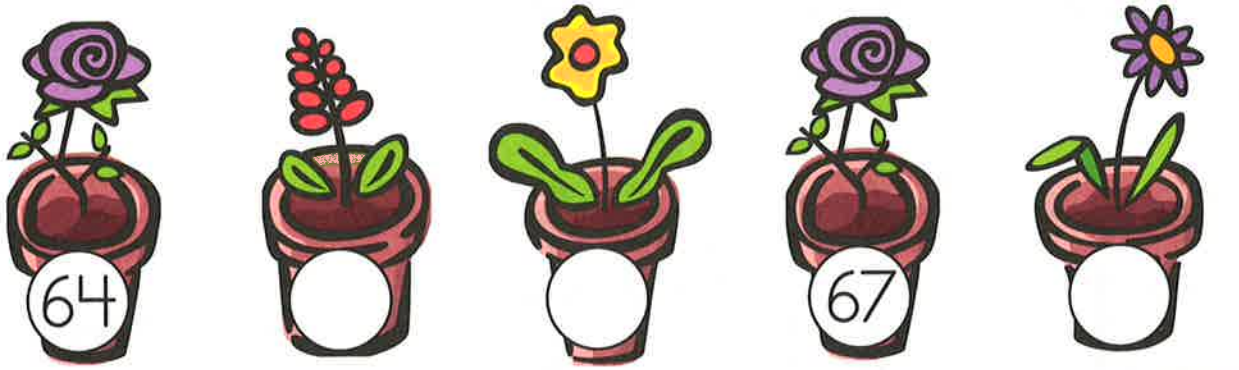
Counting to 100

Write the missing numbers.

1	2	3							
11				15					
21									
	32						38		
				45					
	52								60
			64						
					76				80
						87			
		93							100

Counting to 100

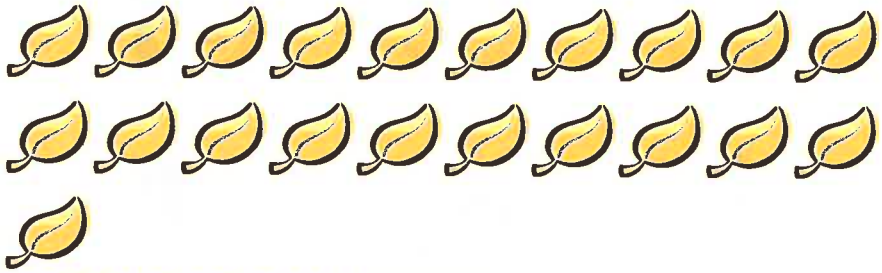
Write the missing numbers in each row.



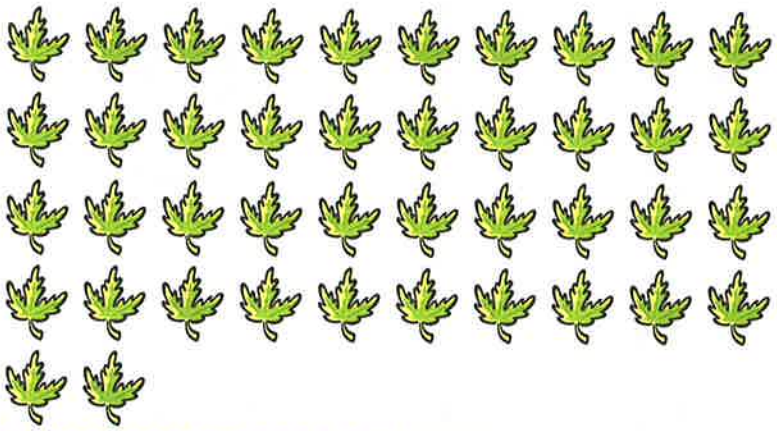
Tens and Ones

Circle groups of ten. Write how many tens and ones.

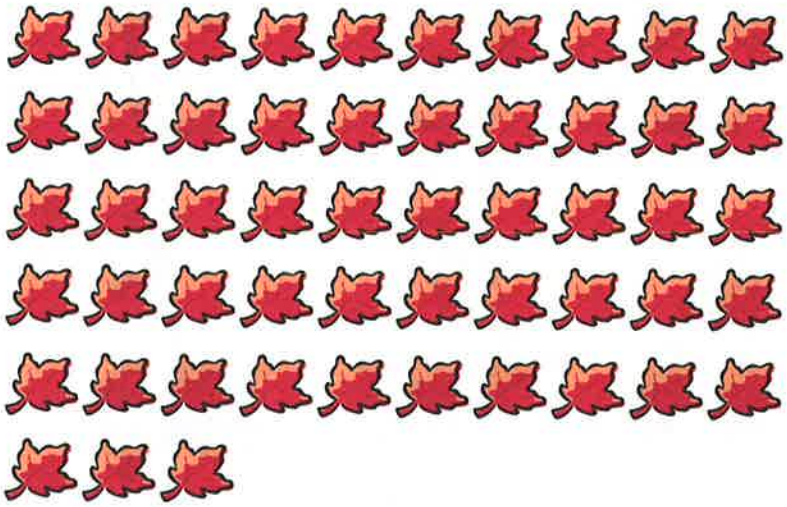
Tens	Ones
1	5



Tens	Ones



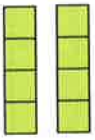
Tens	Ones



Tens	Ones

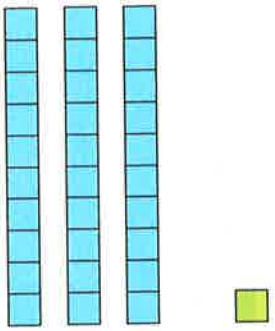
Tens and Ones

Write how many tens and ones. Then write the numbers.



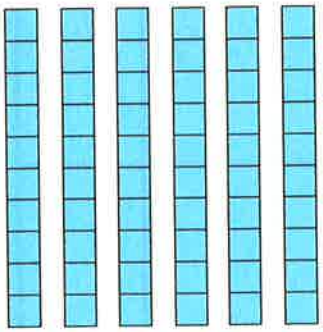
Tens	Ones
	8

= 8



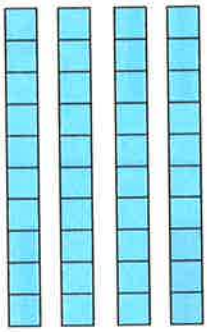
Tens	Ones
3	1

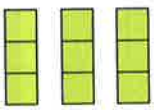
= 31



Tens	Ones

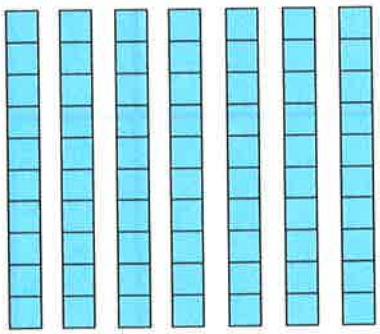
=





Tens	Ones

=



Tens	Ones

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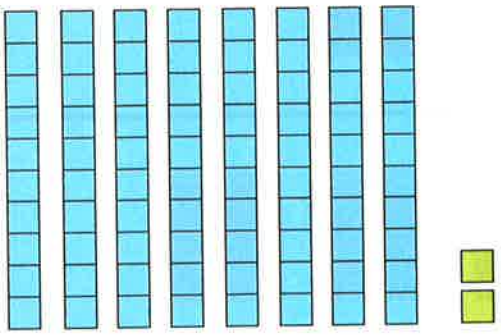
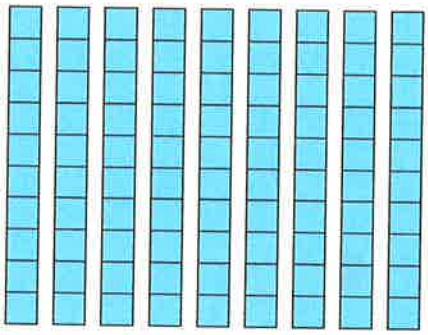


Tens	Ones

=

Hundreds, Tens, and Ones


=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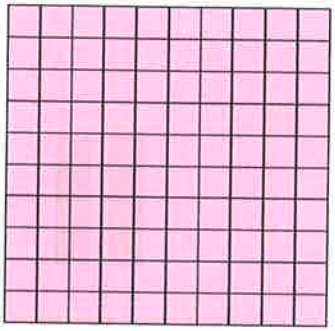
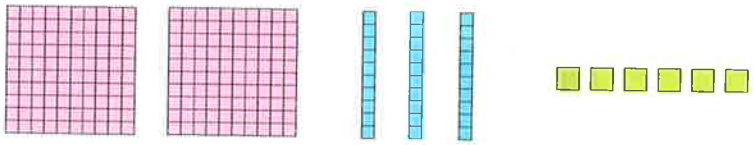
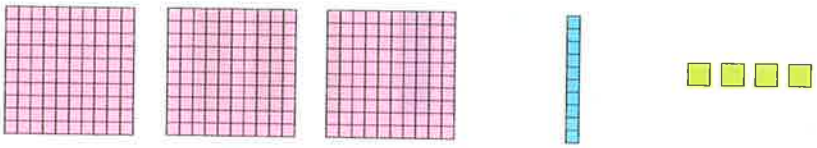
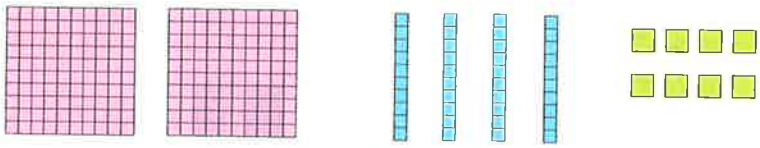
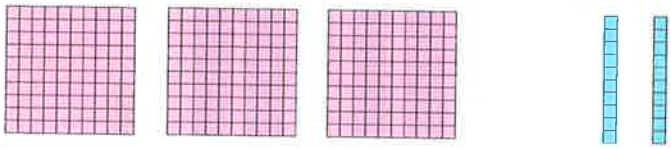
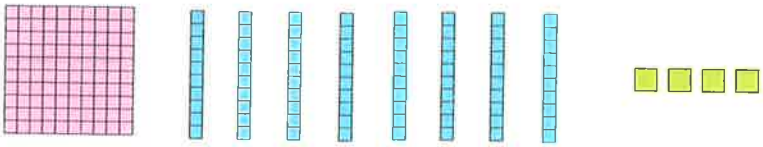
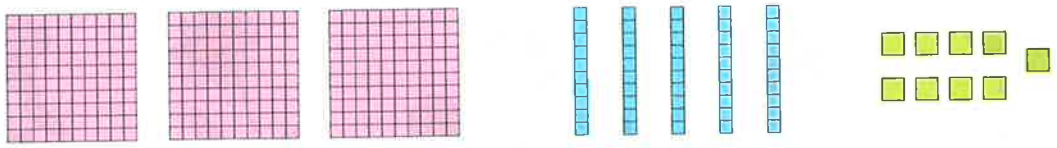


Write how many hundreds, tens, and ones.

	Hundreds	Tens	Ones
	2	3	6
			
			
			
			

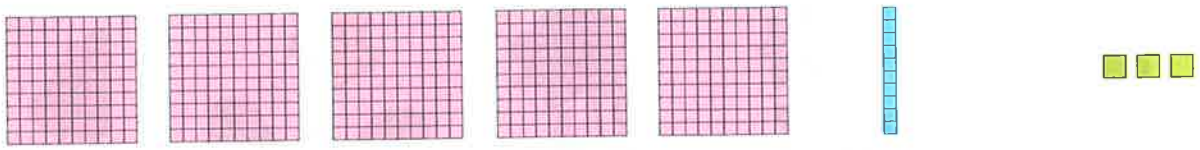
Hundreds, Tens, and Ones

Write how many hundreds, tens, and ones. Then write the numbers.



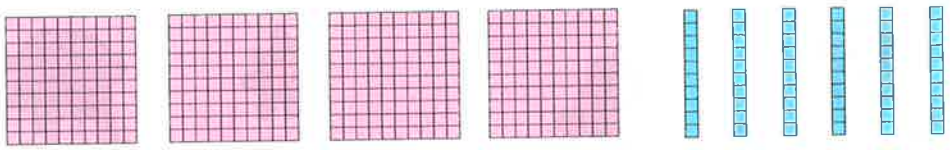
Hundreds	Tens	Ones
3	5	9

= 359



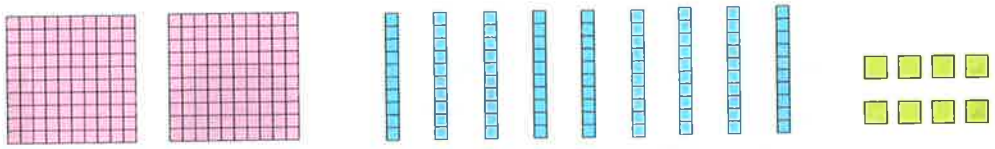
Hundreds	Tens	Ones

= _____



Hundreds	Tens	Ones

= _____

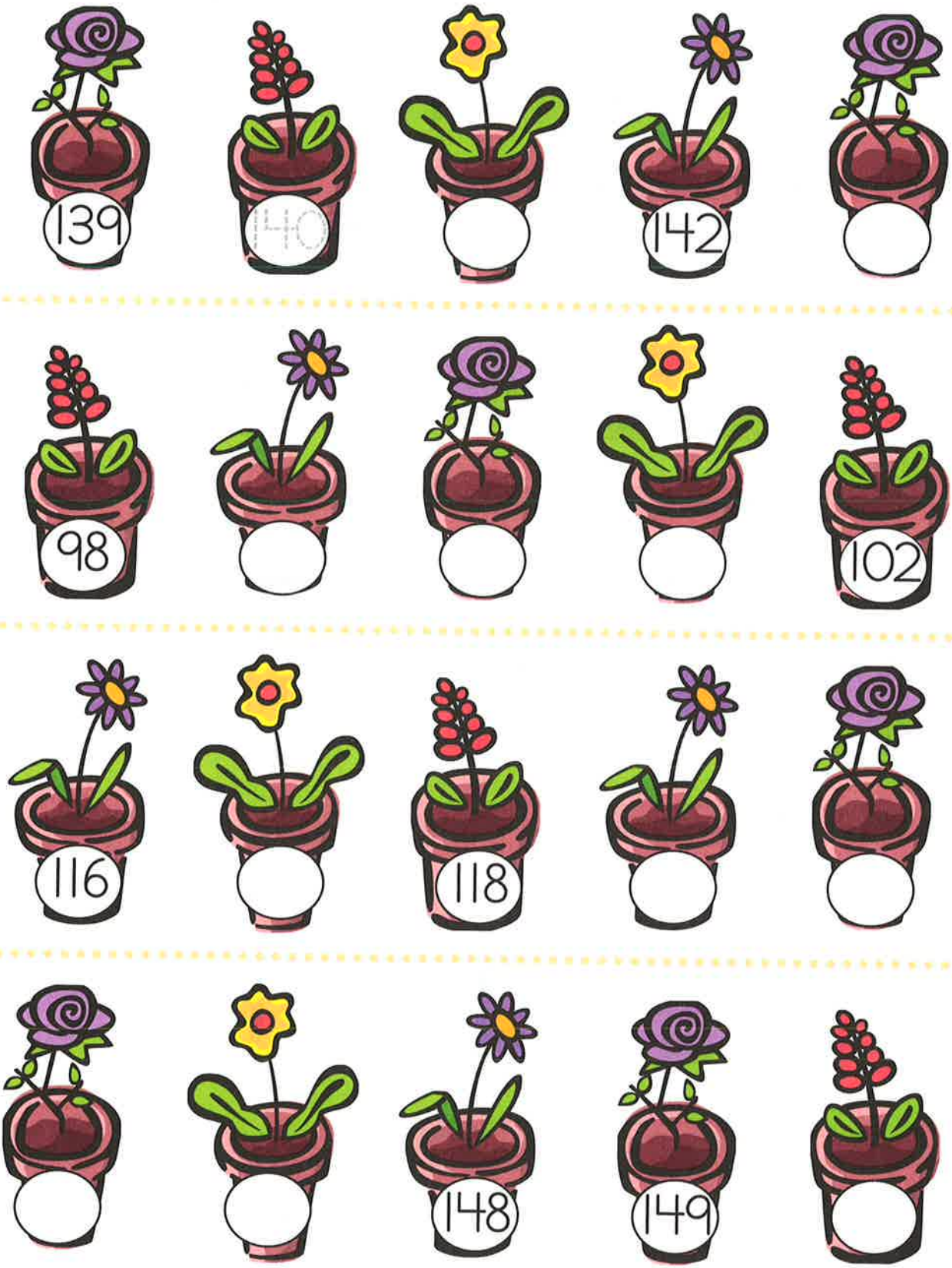


Hundreds	Tens	Ones

= _____

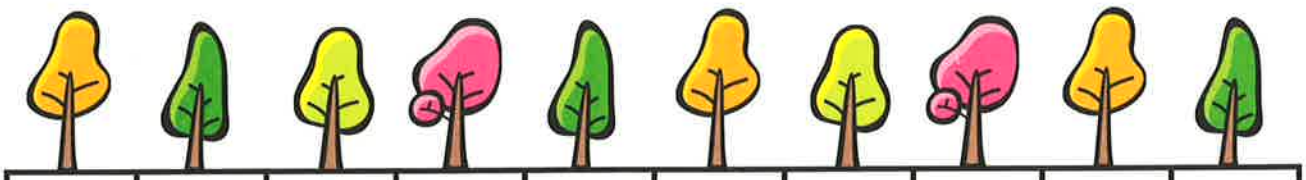
Counting to 150

Write the missing numbers in each row.



Counting to 200

Write the missing numbers.



101	102	103							
				115				119	
		123				127			
			134				138		
141									150
	152							159	
			164		166				
						177	178		
		183		185					
	192								200

Make a Model

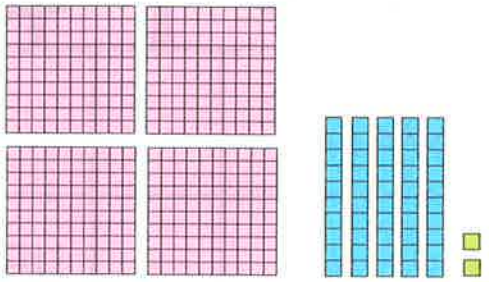
Match each number to its model.

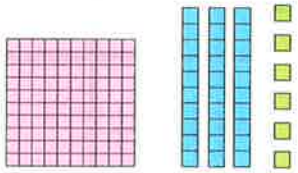
136

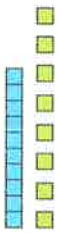
18

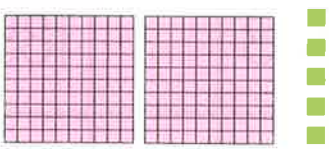
205

452







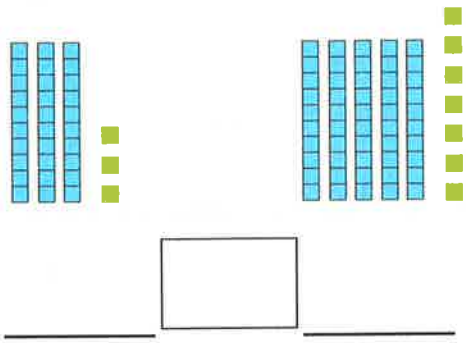


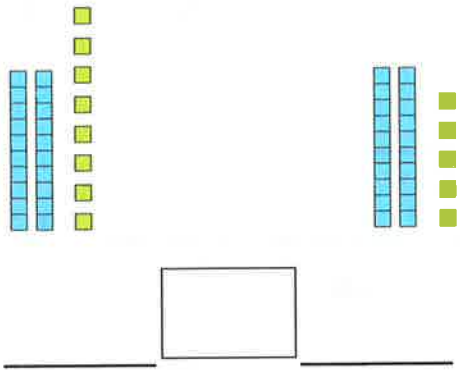
Comparing Numbers

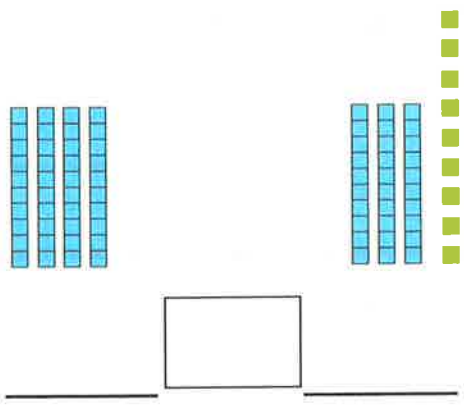
Count and compare. Write < or > in each box.

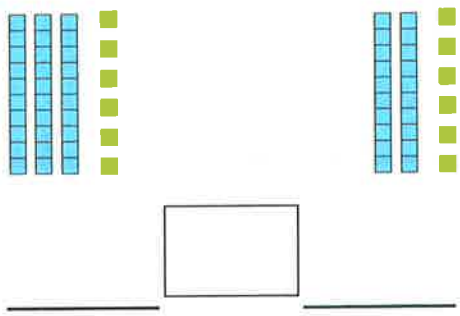
14 < 16

19 > 12

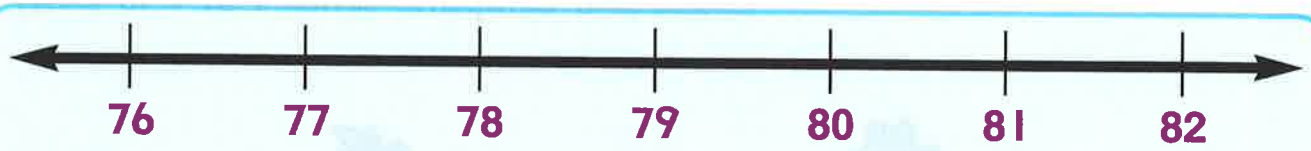








Ordering Numbers



77 is just before 78. 79 is between 78 and 80. 81 is just after 80.

Write the number that is just before, just after, or between.

43

Ordinal Numbers to Tenth

1st first	2nd second	3rd third	4th fourth	5th fifth	6th sixth	7th seventh	8th eighth	9th ninth	10th tenth

Write the position of each flower.

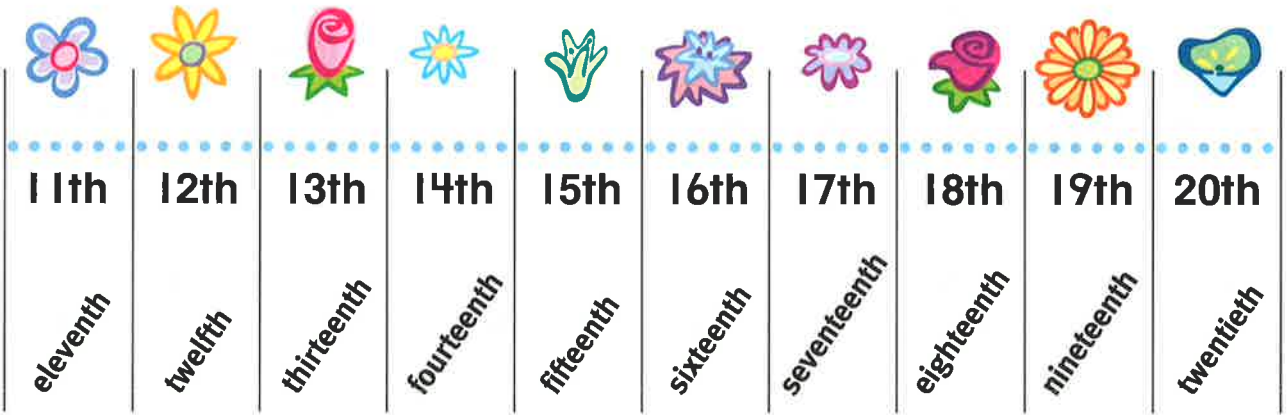
seventh

7th

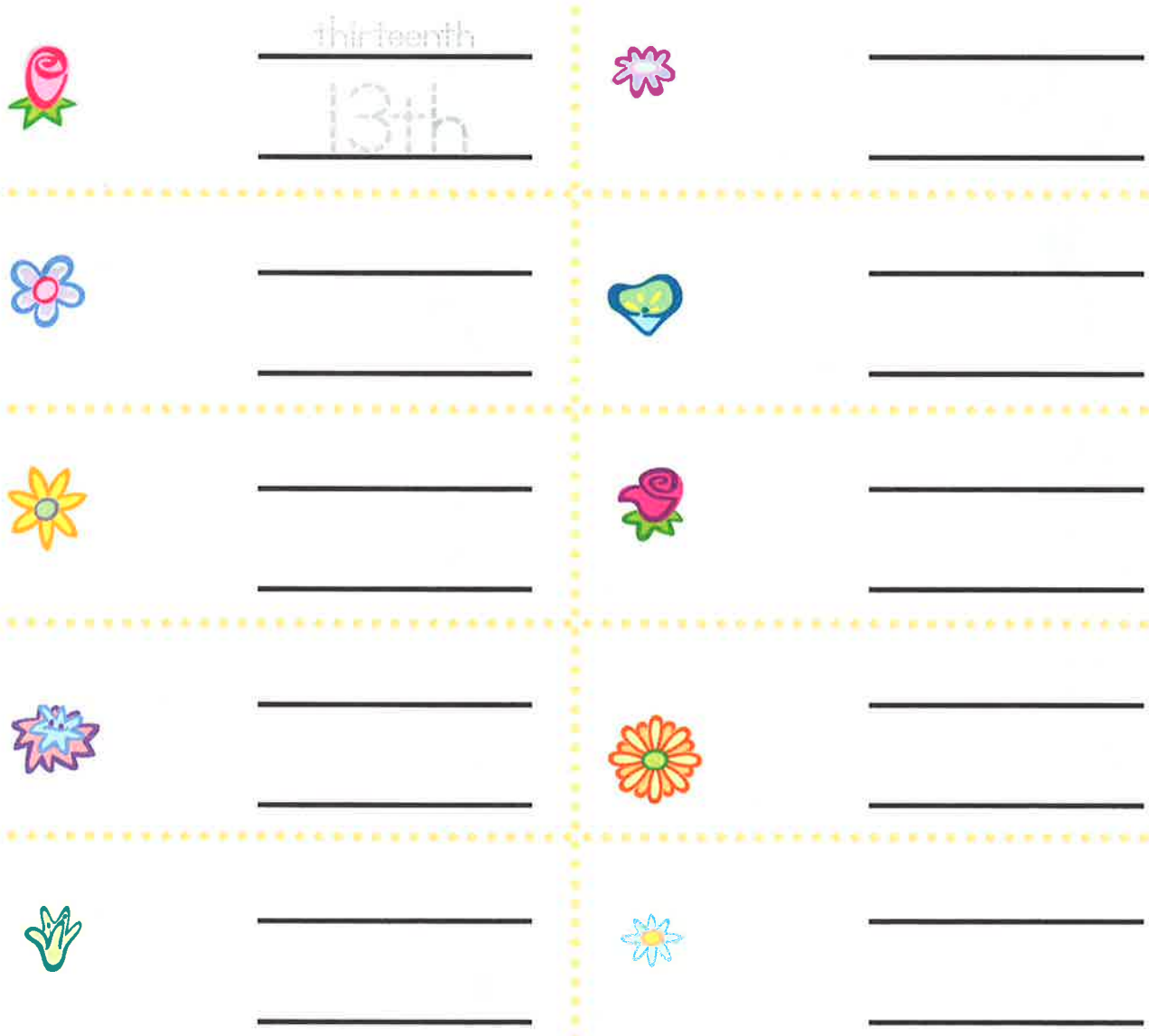
fourth

4th

Ordinal Numbers to Twentieth



Write the position of each flower.



Skip Counting by Fives and Tens

Skip count by fives or tens. Write the numbers.

5 | 10 | 15

10 | 20 | 30

5¢ | ¢ | ¢ | ¢ | ¢ | ¢

10¢ | ¢ | ¢ | ¢ | ¢ | ¢

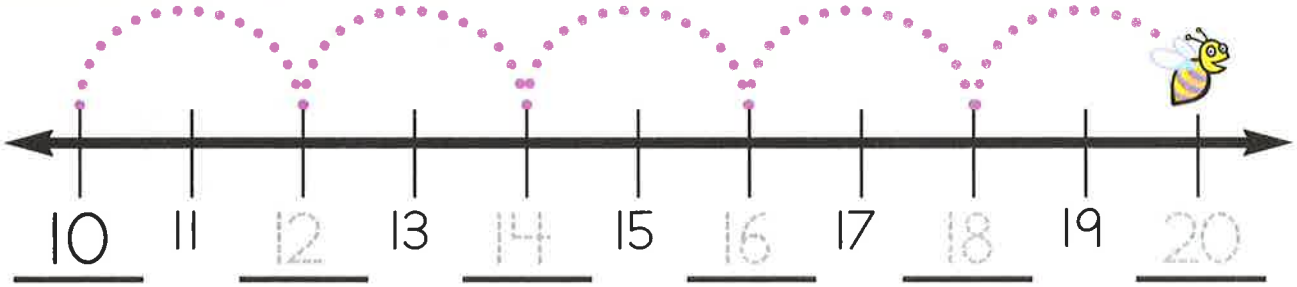
35 | 40 | | | | |

50 | 60 | | | | |

Skip Counting by Twos

Skip count by twos. Write the numbers.

2 _____ 4 _____ 6 _____



8 _____ _____ _____ _____ _____ _____

66 _____ _____ _____ _____ _____ _____

34 _____ _____ _____ _____ _____ _____

100 _____ _____ _____ _____ _____ _____

20 _____ _____ _____ _____ _____ _____

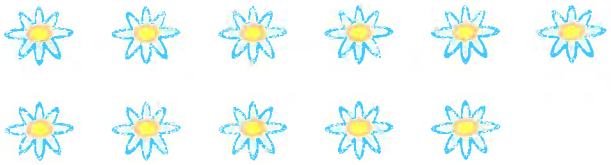
Even and Odd Numbers

Circle groups of 2. Then circle *even* or *odd*.

7 even odd

4 even odd

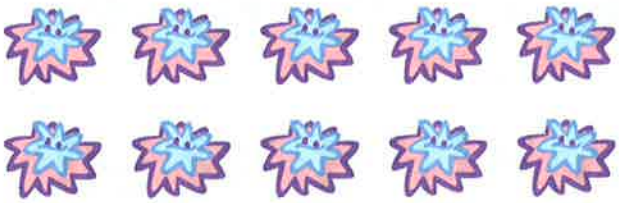
6 even odd



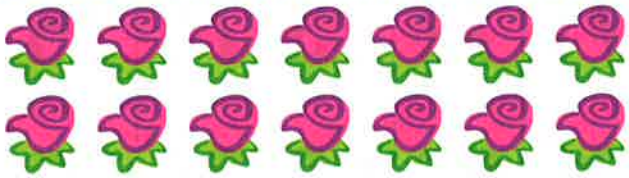
11 even odd

15 even odd

3 even odd



10 even odd



14 even odd

Find a Pattern

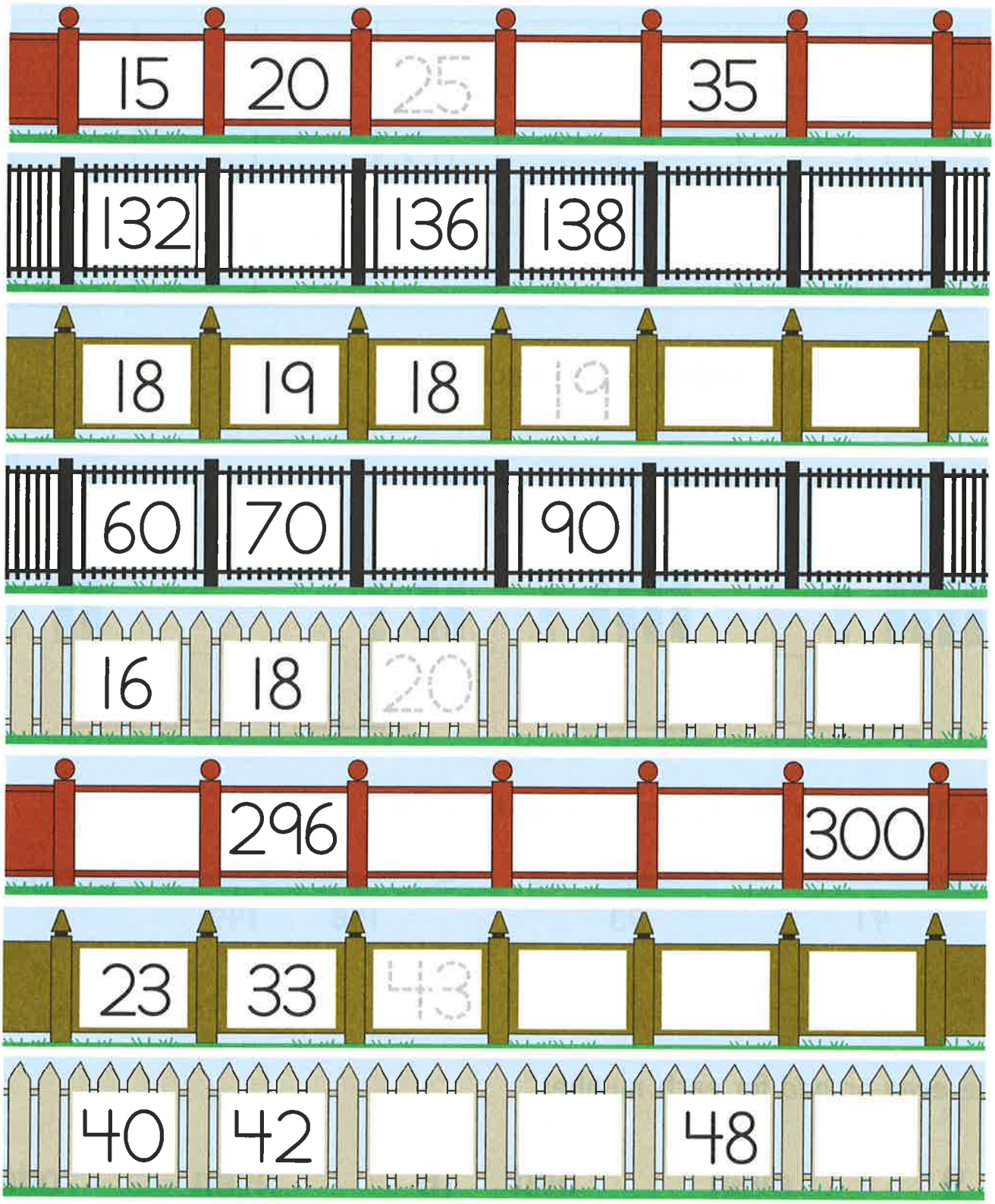
Skip count by twos. Circle those numbers.

Skip count by fives. Color those boxes blue.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Find a Pattern

Write the missing numbers in each row.

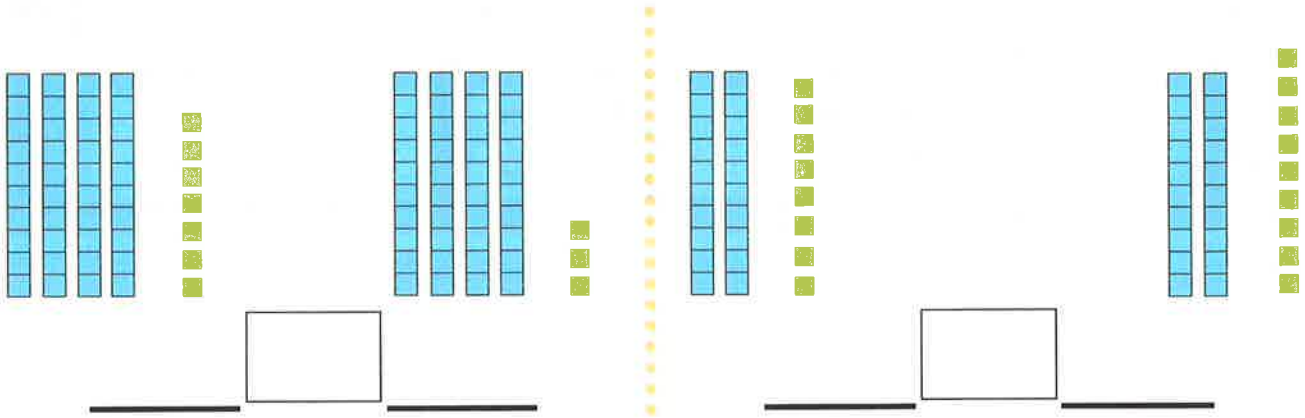


Unit 1 Review

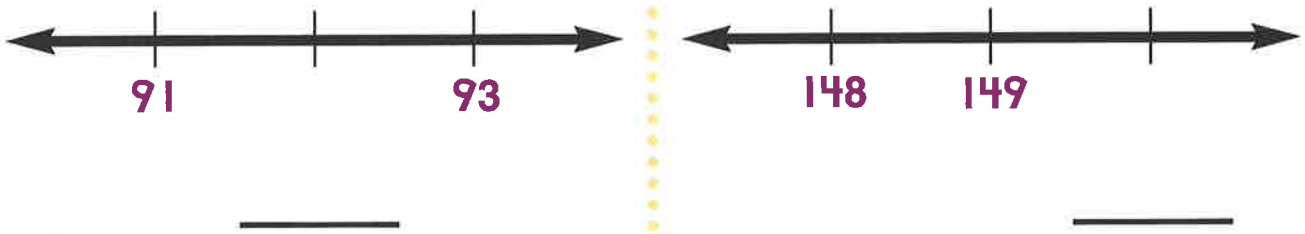
Write the missing numbers in each row.

36			39				
71					76		
113				117			
185							192

Count and compare. Write < or > in each box.



Write the number that is just after or between.



Circle *even* or *odd* for each number.

9	even	odd	16	even	odd

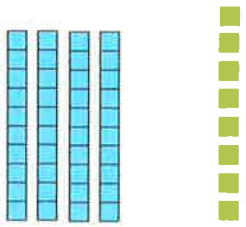
Unit 1 Review

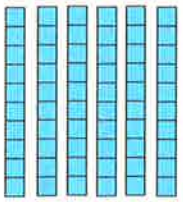
Draw lines to match.

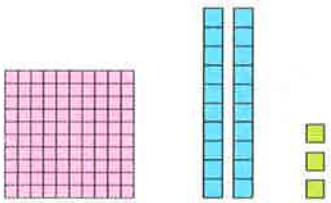
65

123

48







Write the missing numbers in each row.

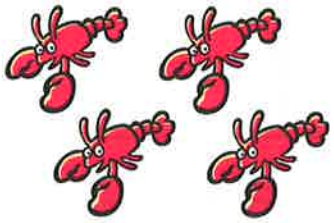
6	8			14	
25	30		40		
60	70				
116	118				

Sums to 10

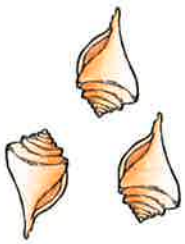
Add.

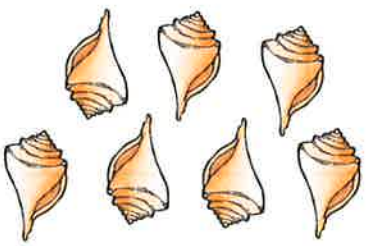
6 + 3 = 9

2 + 5 = ____



4 + 1 = ____



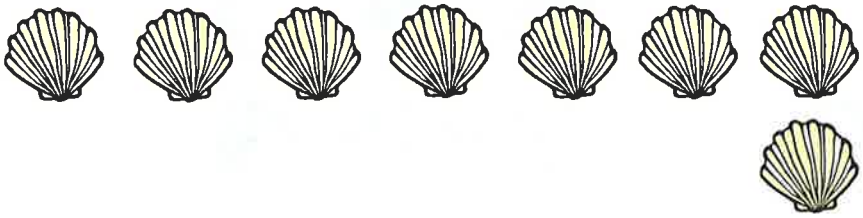


3 + 7 = ____

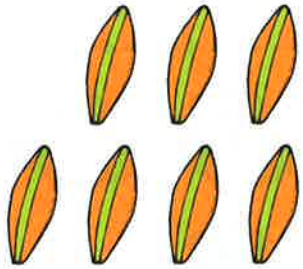
Sums to 10

Write the numbers that match the pictures. Then add.

4
+ 5
9



+ ____



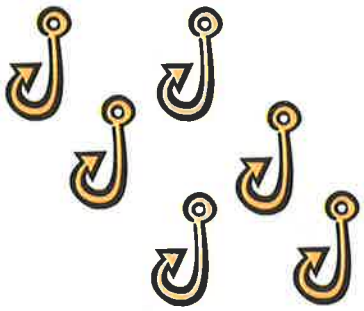
+ ____

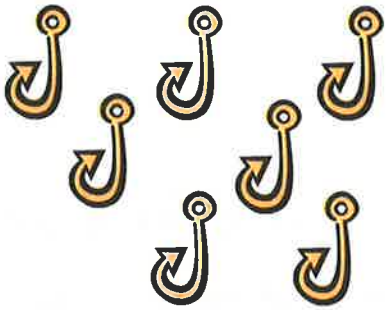
+ ____

+ ____

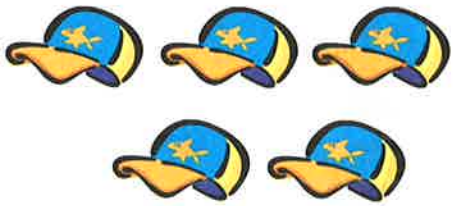
Sums to 18

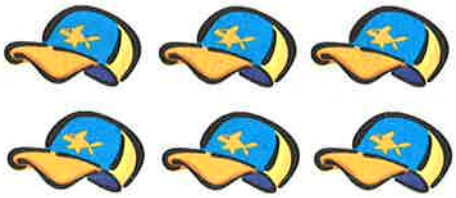
Add.





6 + 7 = 13





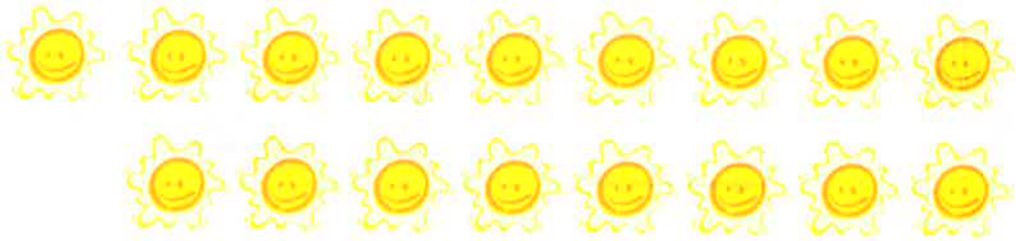
5 + 6 = ____

7 + 8 = ____

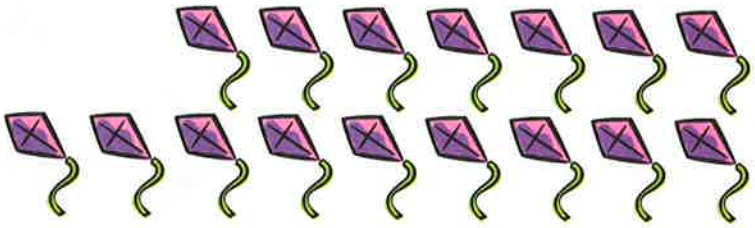
9 + 9 = ____

Sums to 18

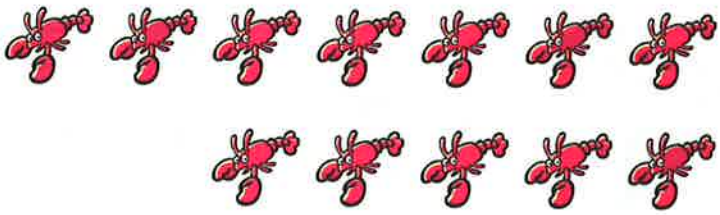
Write the numbers that match the pictures. Then add.



9
+ 8
17

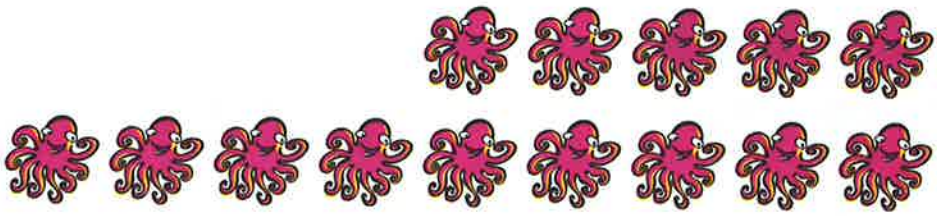


+ ____



+ ____

+ ____



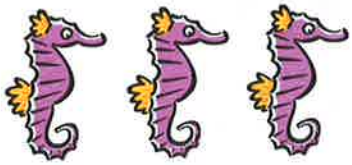
+ ____

Adding Zero

Write the numbers that match the pictures. Then add.

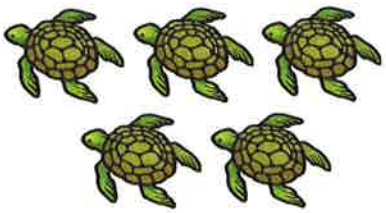
+ 0 = ____

0 + ____ = ____

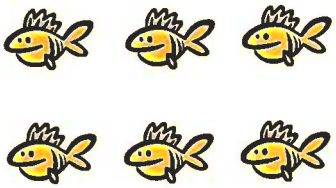


+ 0 = ____

0 + ____ = ____

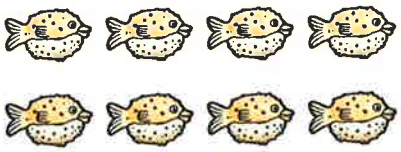


+ 0 = ____



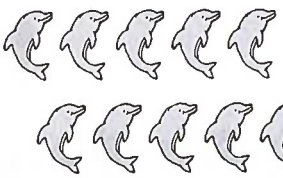
0 + ____ = ____

7 + 0 = 7



0 + ____ = ____

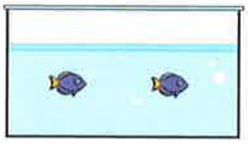
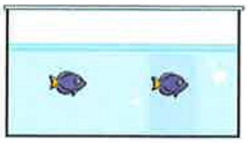
____ + 0 = ____



____ + 0 = ____

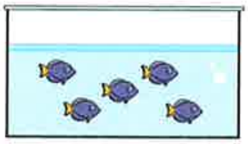
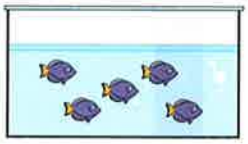
Doubles

Write the numbers that match the fish. Then add.

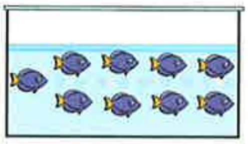
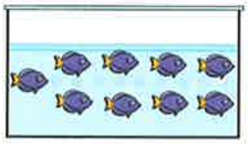
2 + 2 = 4

$$\begin{array}{r} 2 \\ +\ 2 \\ \hline 4 \end{array}$$

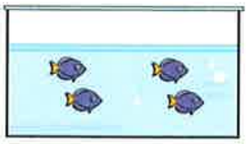
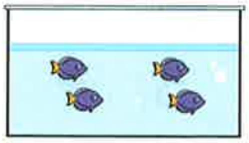
___ + ___ = ___

$$\begin{array}{r} \\ +\ \ \ \\ \hline \end{array}$$

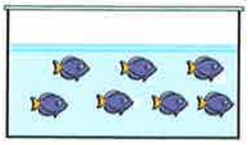
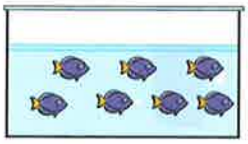
___ + ___ = ___

$$\begin{array}{r} \\ +\ \ \ \\ \hline \end{array}$$

___ + ___ = ___

$$\begin{array}{r} \\ +\ \ \ \\ \hline \end{array}$$

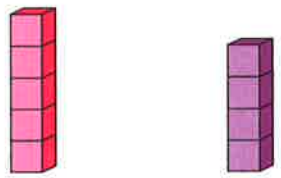
 

___ + ___ = ___

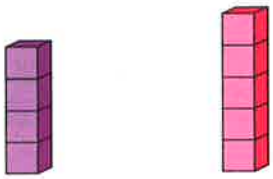
$$\begin{array}{r} \\ +\ \ \ \\ \hline \end{array}$$

Order Property

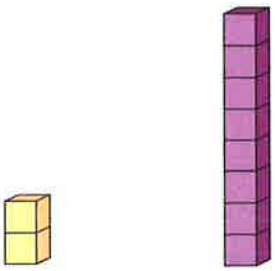
Write the sums that match the cubes.



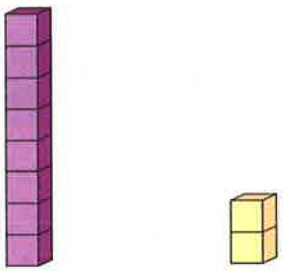
5 + 4 = 9



4 + 5 = 9



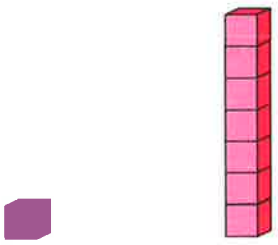
2 + 8 = ____



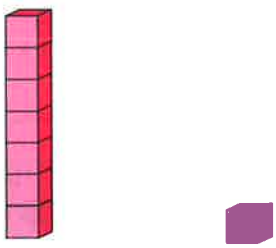
8 + 2 = ____

4 + 3 = ____

3 + 4 = ____



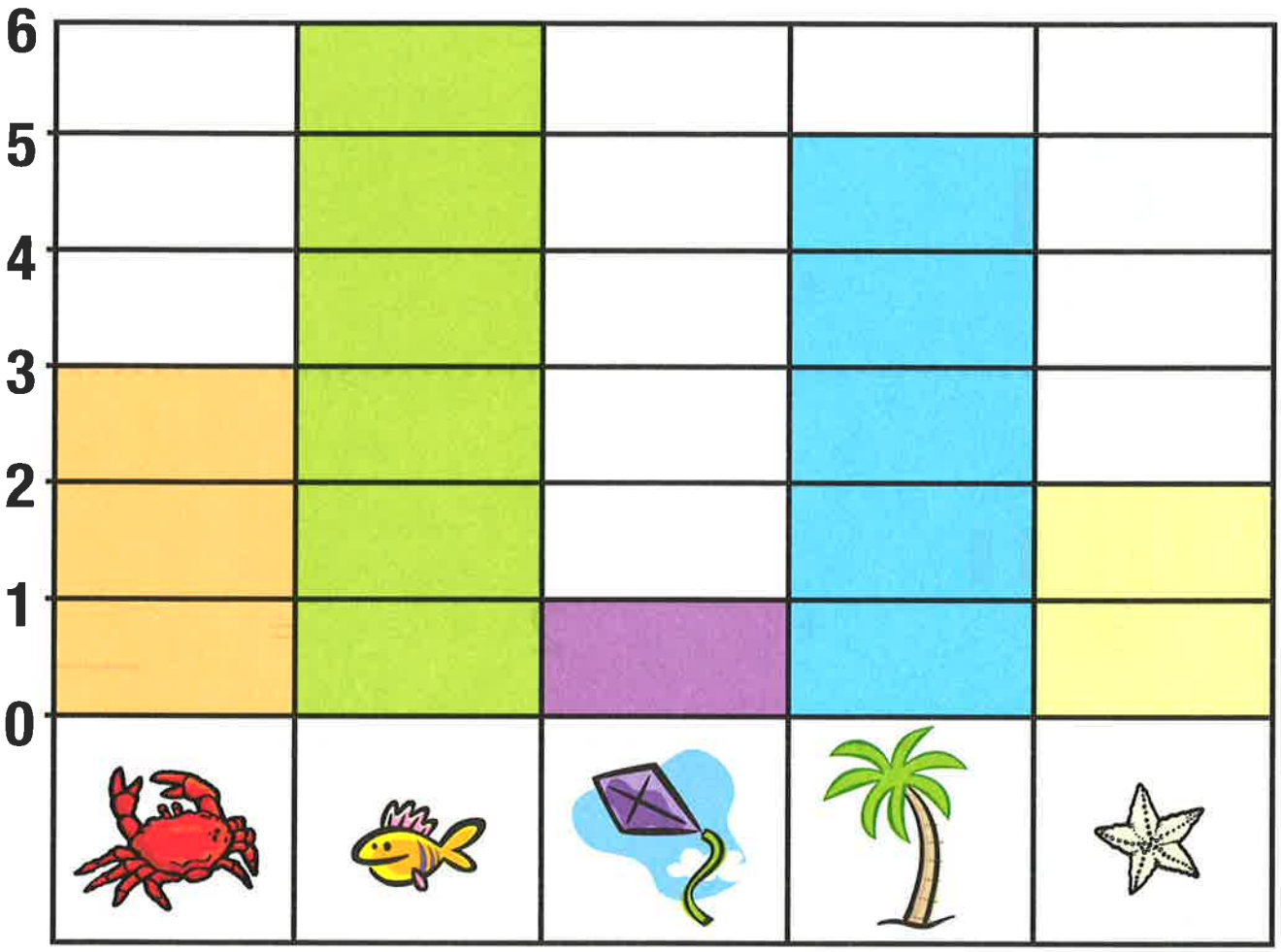
1 + 7 = ____



7 + 1 = ____

Use a Graph

Find the number of each object on the graph. Then write the sums.



 3 + 6 = 9

 ___ + 0 = ___

 ___ + 9 = ___

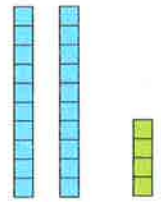
 ___ + 5 = ___

 ___ + 4 = ___

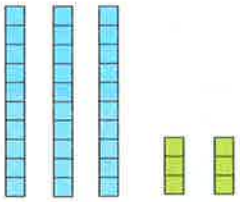
 ___ + 2 = ___

Two-digit Addition

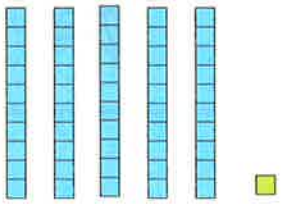
Combine the blocks. Then write the sums.



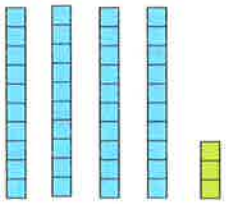
24 + 3 = 27



36 + 2 = ____



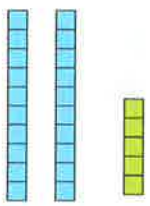
51 + 8 = ____

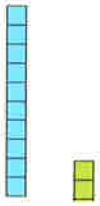


43 + 5 = ____

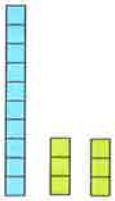
Two-digit Addition

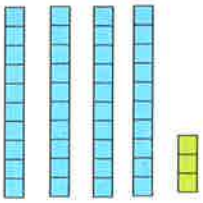
Combine the blocks. Then write the sums.



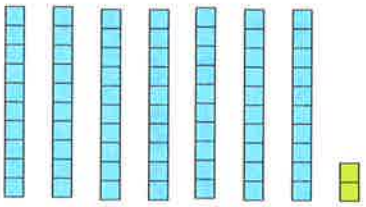


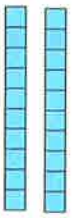
25 + 12 = 37



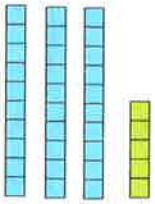


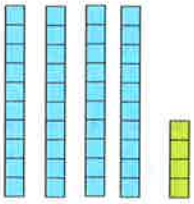
16 + 43 = ____





72 + 20 = ____





35 + 44 = ____

Two-digit Addition

Use these steps to add two-digit numbers.

Find: 86 + 1

Step 1
Add the ones.
(6 + 1 = 7)

	T	O
	8	6
+		1
		7

Step 2
Add the tens.
(8 + 0 = 8)

	T	O
	8	6
+		1
	8	7

Find: 26 + 53

Step 1
Add the ones.
(6 + 3 = 9)

	T	O
	2	6
+	5	3
		9

Step 2
Add the tens.
(2 + 5 = 7)

	T	O
	2	6
+	5	3
	7	9

Add.

T	O
8	6
+	1
8	7

T	O
2	6
+ 5	3
7	9

T	O
1	0
+ 1	3

T	O
5	2
+	5

T	O
4	3
+ 1	3

T	O
7	5
+ 1	0

T	O
9	7
+	2

T	O
1	2
+ 4	2

T	O
8	0
+ 1	2

T	O
2	3
+ 7	0

T	O
3	2
+	6

T	O
6	3
+ 3	1

T	O
6	8
+ 2	1

T	O
7	3
+	6

T	O
3	6
+ 1	2

T	O
4	5
+ 4	4

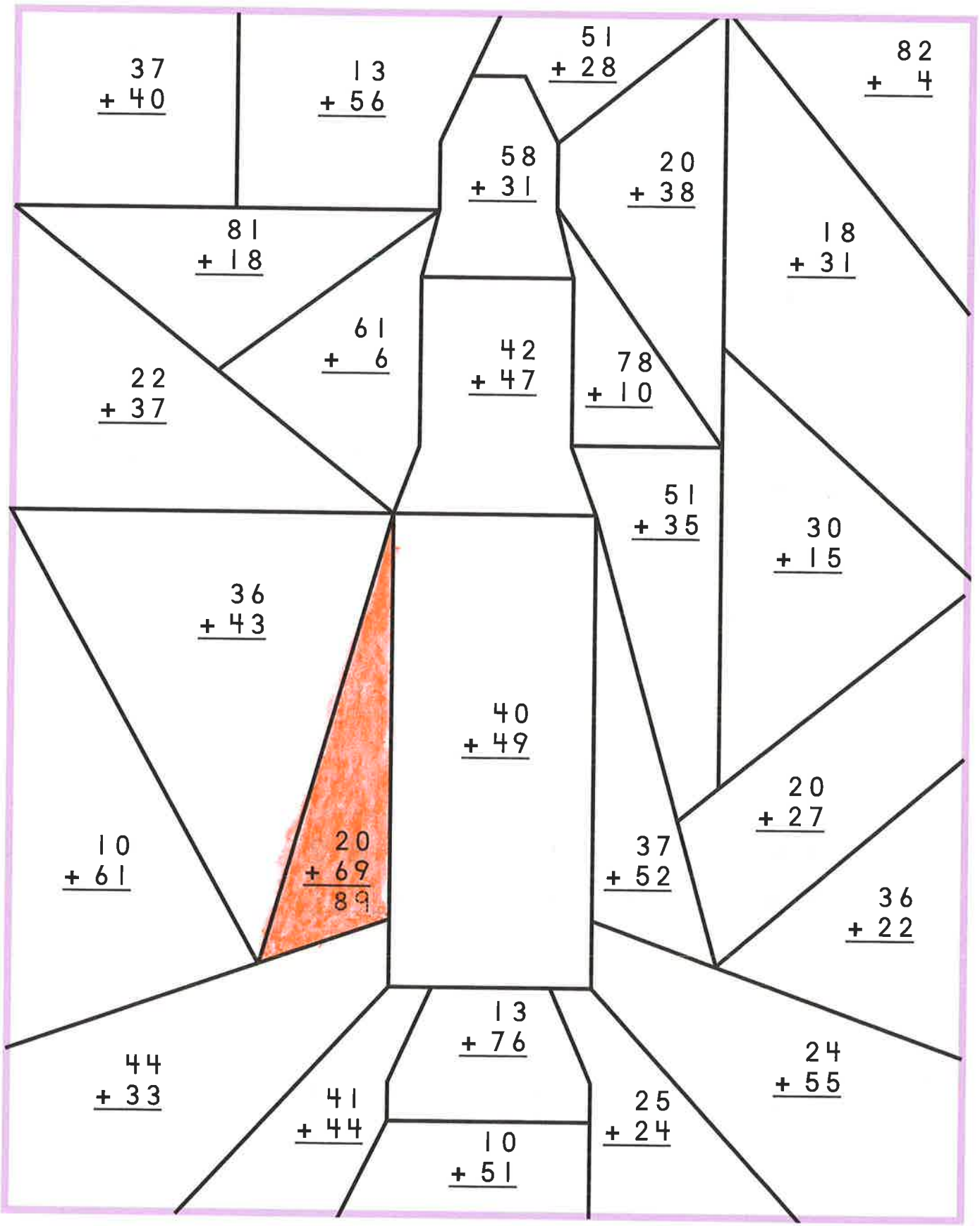
Two-digit Addition

Add.

32 + 7 39	46 + 21	12 + 42	13 + 54
59 + 10	75 + 3	63 + 31	14 + 82
40 + 17	21 + 7	35 + 31	50 + 28
64 + 5	38 + 20	14 + 14	80 + 9
75 + 23	19 + 40	82 + 7	54 + 22
16 + 3	48 + 30	74 + 11	50 + 29

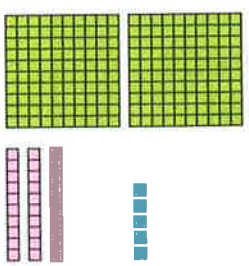
Two-digit Addition

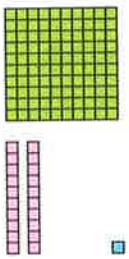
Shade each area with a sum of 89.



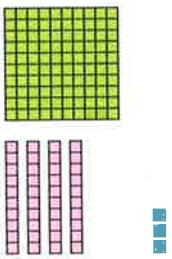
Three-digit Addition

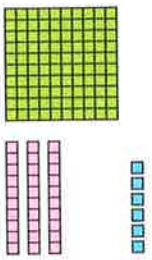
Combine the blocks. Then write the sums.



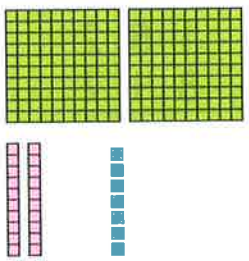


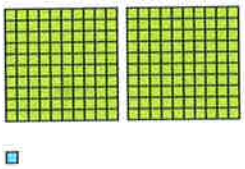
235 + 121 = 356



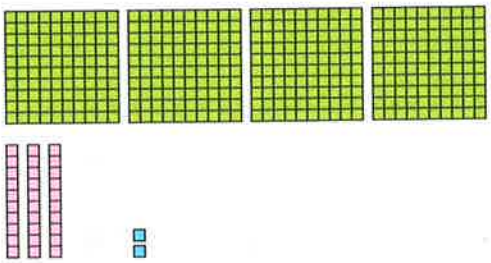


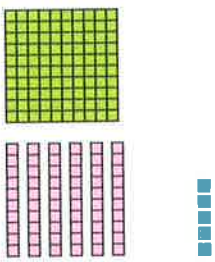
143 + 136 = _____





227 + 201 = _____





432 + 165 = _____

Three-digit Addition

Use these steps to add three-digit numbers.

Find: 301 + 375

Step 1
Add the ones.
(1 + 5 = 6)

	H	T	O
	3	0	1
+	3	7	5
			6

Step 2
Add the tens.
(0 + 7 = 7)

	H	T	O
	3	0	1
+	3	7	5
		7	6

Step 3
Add the hundreds.
(3 + 3 = 6)

	H	T	O
	3	0	1
+	3	7	5
	6	7	6

Add.

H	T	O
2	4	3
+ 3	2	5
5	6	8

H	T	O
4	1	0
+ 4	4	6

H	T	O
3	3	2
+ 4	2	7

H	T	O
2	0	6
+ 7	5	1

H	T	O
6	2	1
+ 3	5	0

H	T	O
1	7	6
+ 3	0	2

H	T	O
2	4	0
+ 1	2	3

H	T	O
1	5	2
+ 8	4	7

H	T	O
7	0	1
+ 1	1	1

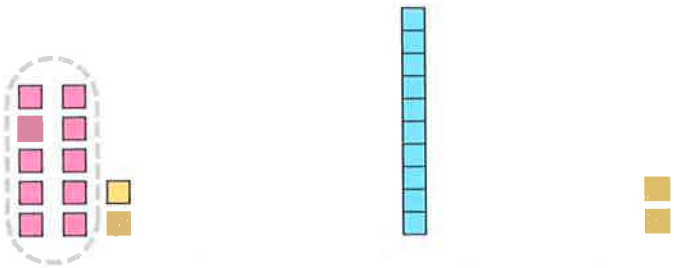
H	T	O
5	4	2
+ 3	1	0

H	T	O
7	1	2
+ 2	0	3

H	T	O
2	0	2
+ 4	1	4

Regrouping

Regroup 10 ones as 1 ten. Then write the regrouped numbers.



0 tens 12 ones = 1 ten 2 ones = 12

2 tens 14 ones = 3 tens 4 ones = ____

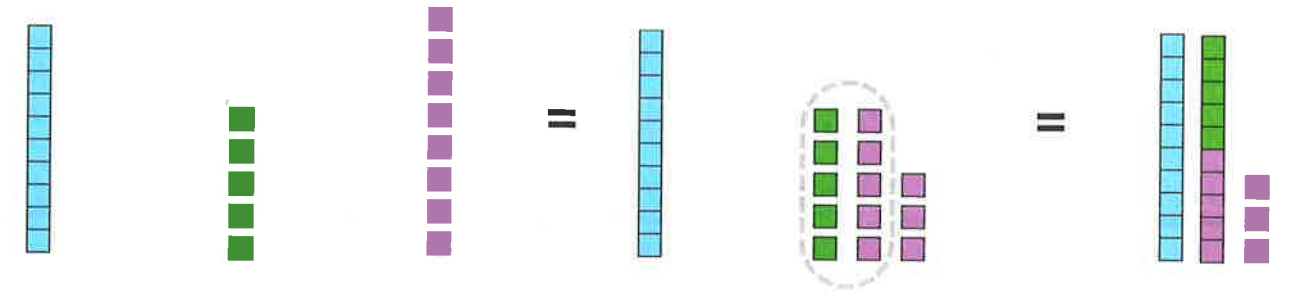
____ tens ____ ones = ____ tens ____ ones = ____

____ tens ____ ones = ____ tens ____ ones = ____

Two-digit Addition, Regrouping Ones

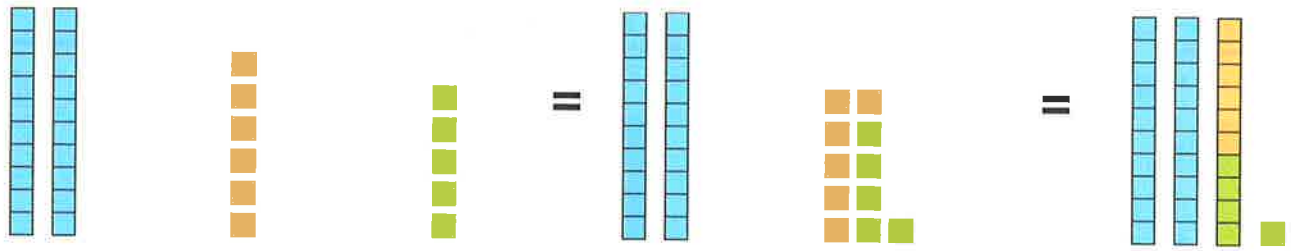
Regroup the ones. Write the sums.

15 + 8



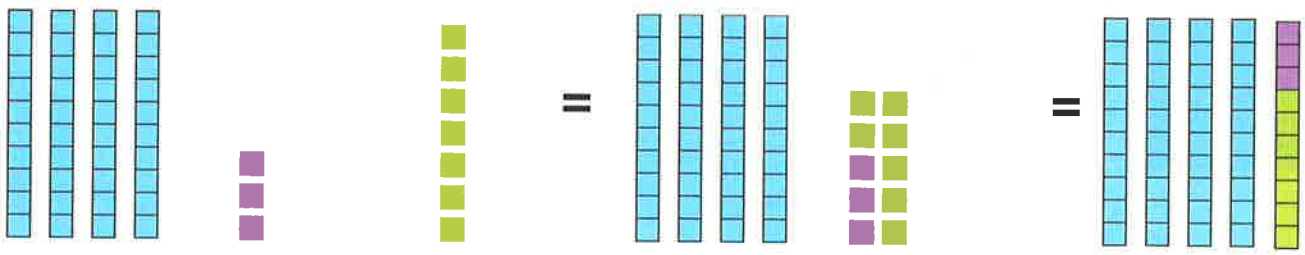
1 ten 5 ones + 8 ones = 1 ten 13 ones = 23

26 + 5



2 tens 6 ones + 5 ones = ___ tens ___ ones = ___

43 + 7



4 tens 3 ones + 7 ones = ___ tens ___ ones = ___

Two-digit Addition, Regrouping Ones

Use these steps to add two digits, regrouping ones.

Find: 34 + 38

Step 1
Add the ones.
(4 + 8 = 12)
Regroup as 1 ten and 2 ones.

	T	O
	3	4
+	3	8
		2

Step 2
Add the tens.
(1 + 3 + 3 = 7)

	T	O
	3	4
+	3	8
	7	2

Add.

	T	O
	3	7
+	2	8
	6	5

	T	O
	1	2
+	3	8

	T	O
	6	5
+	1	7

	T	O
	5	4
+	2	6

	T	O
	1	2
+	2	9

	T	O
	4	6
+	4	5

	T	O
	3	3
+	1	7

	T	O
	1	5
+	1	8

	T	O
	5	7
+	2	3

	T	O
	4	3
+	2	9

	T	O
	1	7
+	7	4

	T	O
	6	9
+	2	9

Two-digit Addition, Regrouping Ones

Add.

T	O
5	7
+	6
6	3

T	O
2	9
+ 3	7

T	O
3	6
+ 4	4

T	O
2	4
+ 1	8

T	O
5	9
+ 1	2

T	O
5	7
+	8

T	O
1	9
+ 3	1

T	O
2	9
+ 4	6

T	O
2	9
+ 5	5

T	O
1	8
+ 5	2

T	O
4	6
+ 4	4

T	O
1	9
+	6

T	O
1	8
+ 6	3

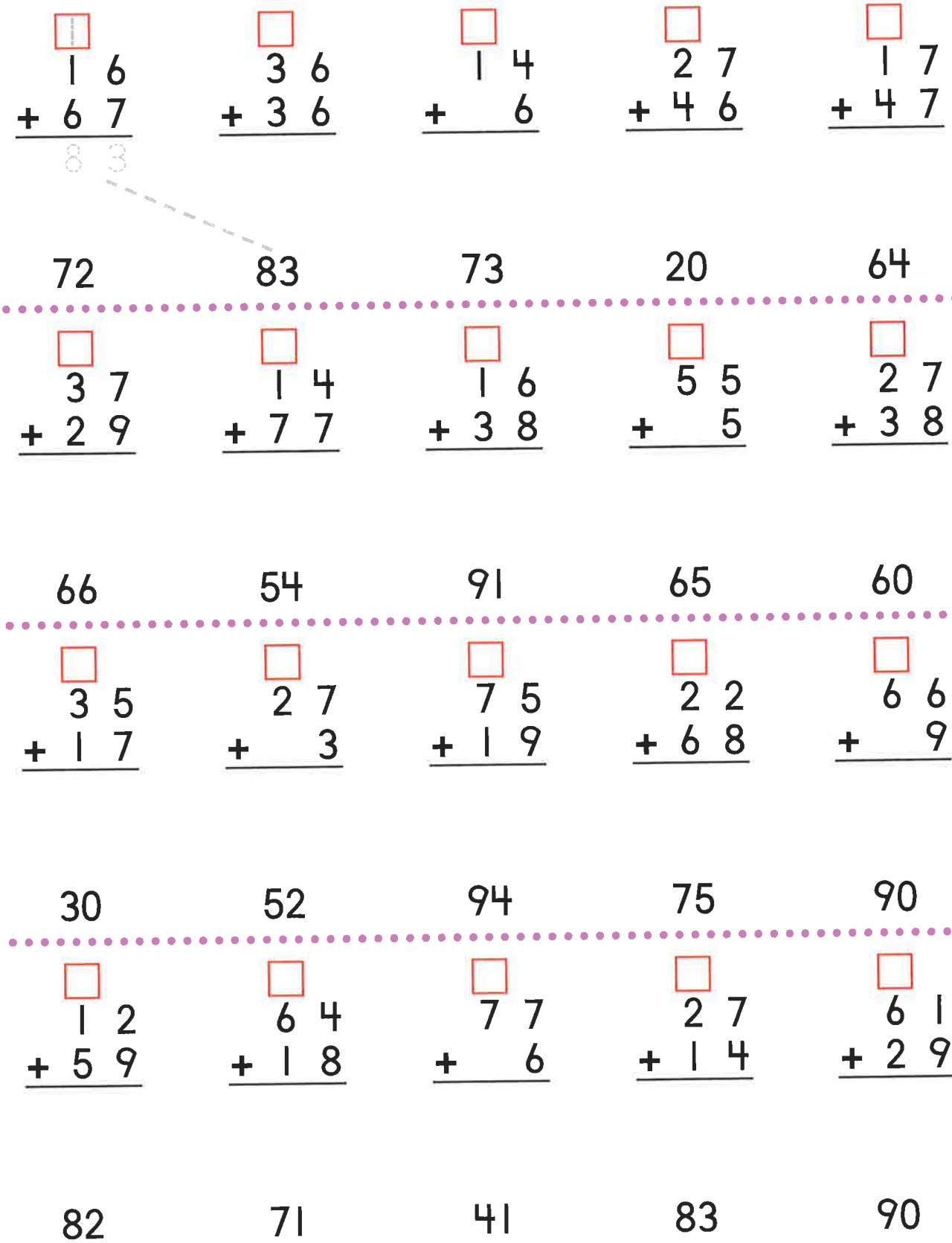
T	O
2	9
+	2

T	O
4	8
+ 1	4

T	O
1	9
+ 1	1

Two-digit Addition, Regrouping Ones

Match the problems to their sums.



Two-digit Addition, Regrouping Ones

Shade each box that has a sum of 72.

☐ 52 + 19 = 71	☐ 34 + 48	☐ 34 + 17	☐ 62 + 18	☐ 47 + 26
☐ 68 + 4 = 72	☐ 76 + 6	☐ 39 + 33	☐ 24 + 29	☐ 16 + 56
☐ 37 + 35	☐ 23 + 18	☐ 34 + 38	☐ 13 + 29	☐ 54 + 8
☐ 27 + 45	☐ 13 + 59	☐ 54 + 18	☐ 34 + 9	☐ 19 + 53
☐ 44 + 28	☐ 54 + 7	☐ 47 + 25	☐ 44 + 37	☐ 23 + 49
☐ 59 + 13	☐ 25 + 57	☐ 28 + 44	☐ 64 + 18	☐ 26 + 46

Use Estimation

Change each number to the closest ten.
Then circle the best estimate for the sum.

13 + 29

10 + 30

30 **40** 50

61 + 19

___ + ___

60 70 80

37 + 8

___ + ___

50 60 70

11 + 48

___ + ___

50 60 70

22 + 31

___ + ___

40 50 60

47 + 29

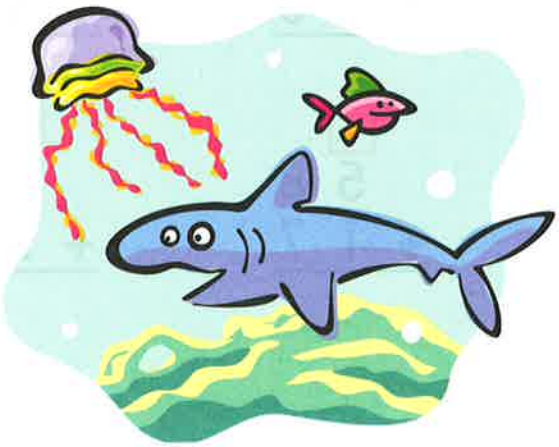
___ + ___

70 80 90

12 + 12

___ + ___

10 20 30



Unit 2 Review

Add.

6 + 2 = ____	4 + 5 = ____		
9 + 7 = ____	8 + 6 = ____		
0 + 10 = ____	9 + 9 = ____		
8 + 8 = ____	3 + 9 = ____		

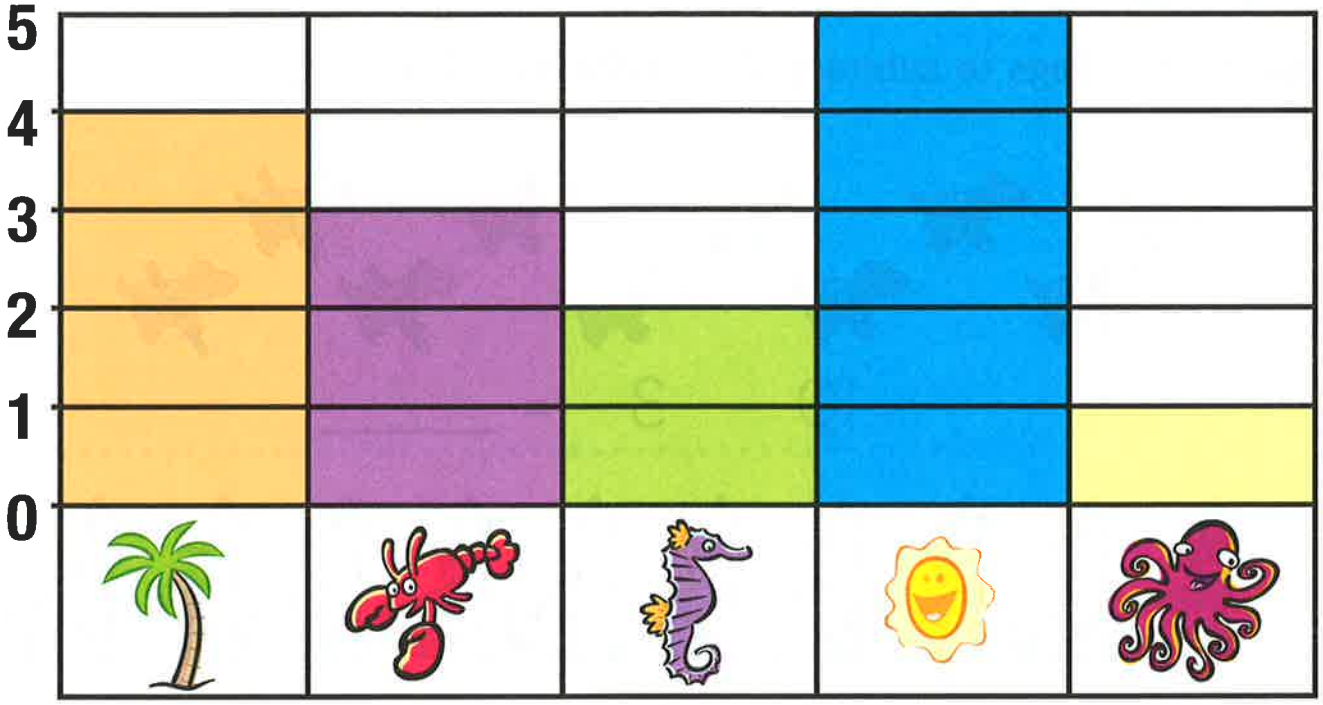
16 + 3	25 + 41	32 + 62	18 + 51
30 + 9	47 + 11	35 + 23	83 + 14

403 + 163	521 + 140	632 + 305	285 + 214

□ 15 + 6	□ 38 + 35	□ 29 + 18	□ 37 + 24
□ 58 + 17	□ 29 + 29	□ 88 + 6	□ 45 + 38

Unit 2 Review

Find the number of each object on the graph.
Then write the sums.



 ____ + 19 = ____

 ____ + 23 = ____

 ____ + 48 = ____

 ____ + 71 = ____

Circle the best estimate for each sum.

43 + 18

____ + ____

50 60 70

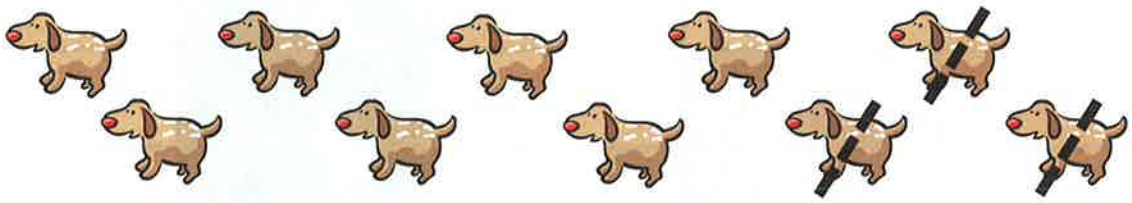
29 + 54

____ + ____

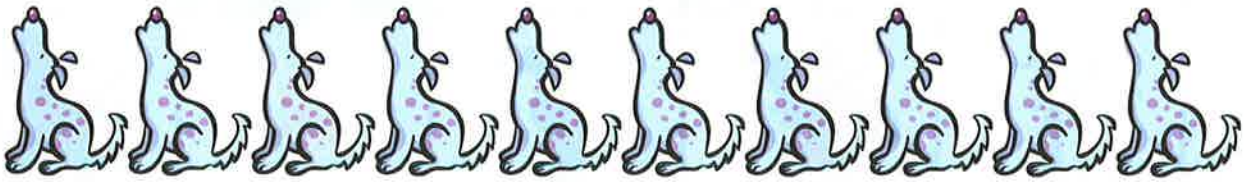
60 70 80

Differences from 10

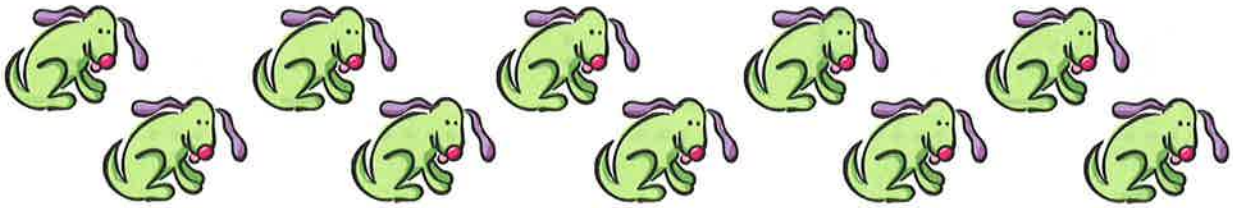
Cross out the dogs to subtract. Then write the differences.



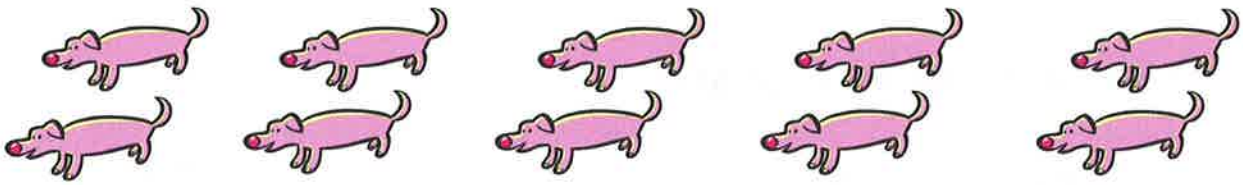
10 - 3 = 7



10 - 5 = _____



10 - 1 = _____



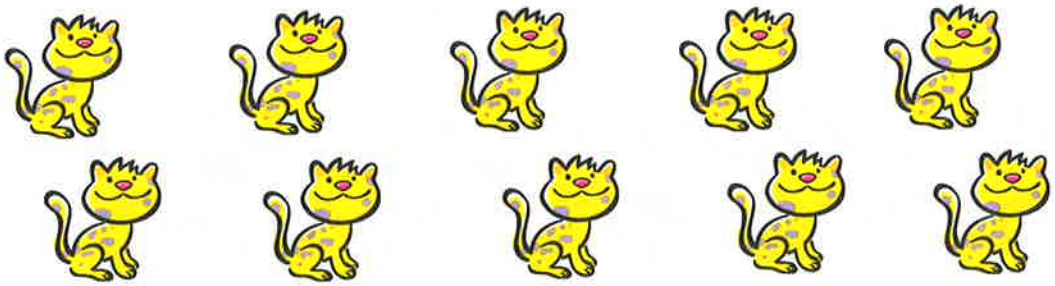
10 - 7 = _____

10 - 2 = _____

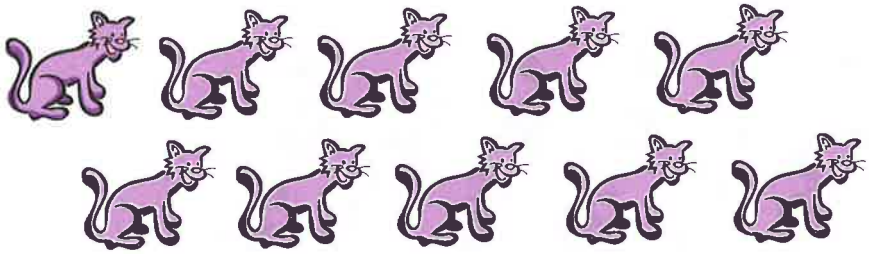
Differences from 10

Cross out the cats to subtract. Then write the differences.

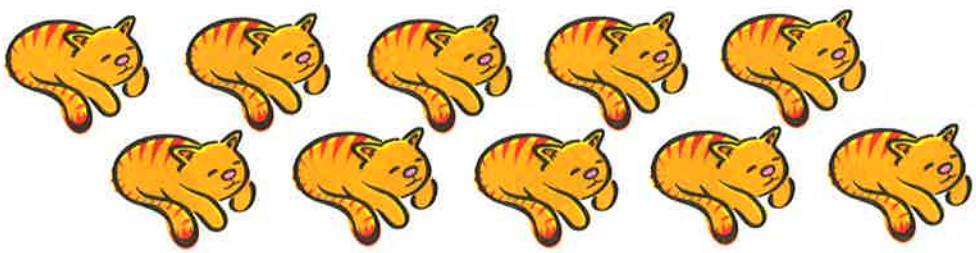
$$\begin{array}{r} 10 \\ -\ 6 \\ \hline \end{array}$$



$$\begin{array}{r} 10 \\ -\ 9 \\ \hline \end{array}$$



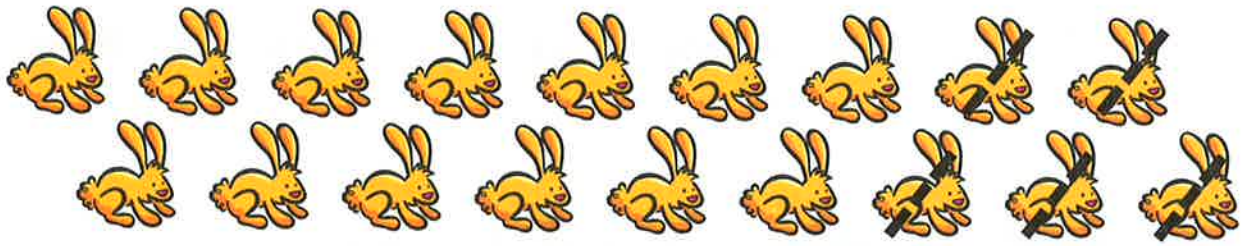
$$\begin{array}{r} 10 \\ -\ 4 \\ \hline \end{array}$$



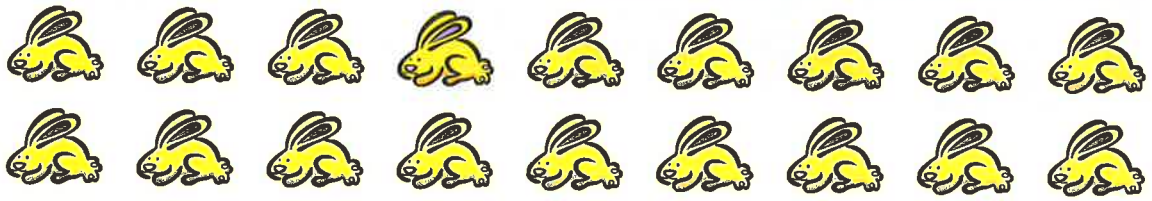
$$\begin{array}{r} 10 \\ -\ 8 \\ \hline \end{array}$$

Differences from 18

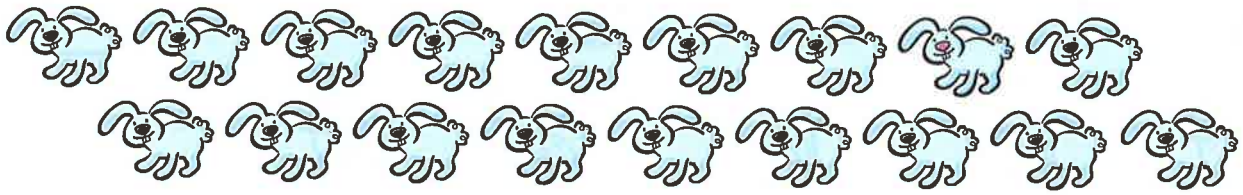
Cross out the rabbits to subtract. Then write the differences.



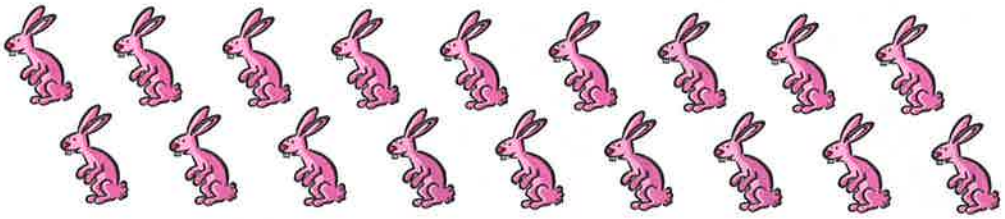
18 - 5 = 13



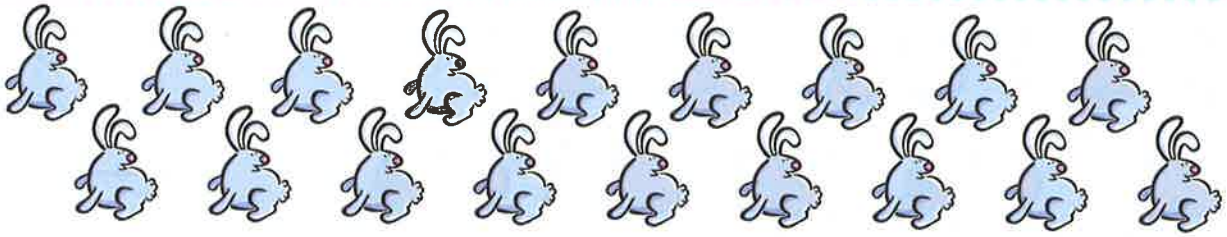
18 - 1 = _____



18 - 7 = _____



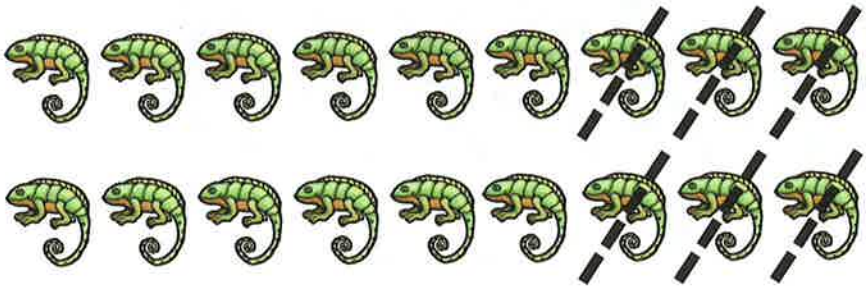
18 - 8 = _____



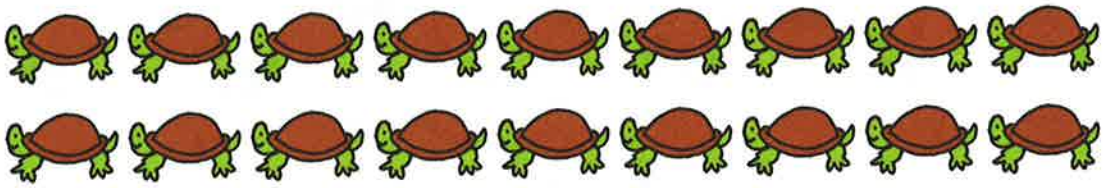
18 - 2 = _____

Differences from 18

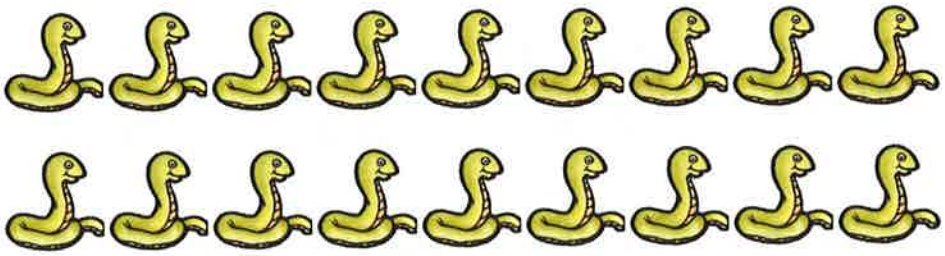
Cross out the animals to subtract. Then write the differences.



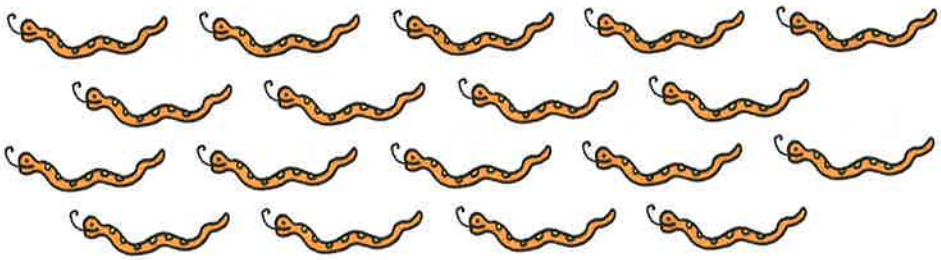
$$\begin{array}{r} 18 \\ -\ 6 \\ \hline 12 \end{array}$$



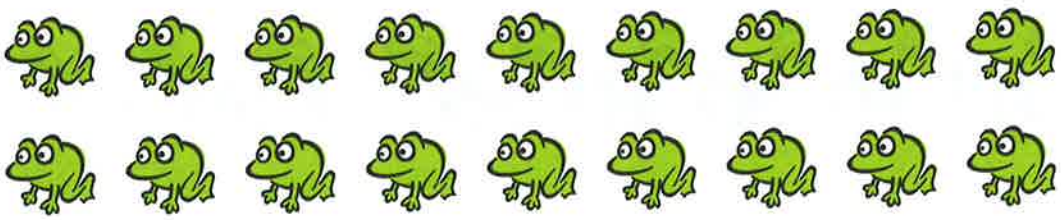
$$\begin{array}{r} 18 \\ -\ 9 \\ \hline \end{array}$$



$$\begin{array}{r} 18 \\ -\ 4 \\ \hline \end{array}$$



$$\begin{array}{r} 18 \\ -\ 7 \\ \hline \end{array}$$

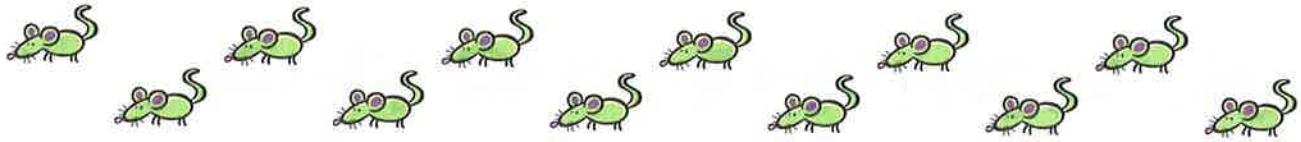


$$\begin{array}{r} 18 \\ -\ 3 \\ \hline \end{array}$$

Subtracting All

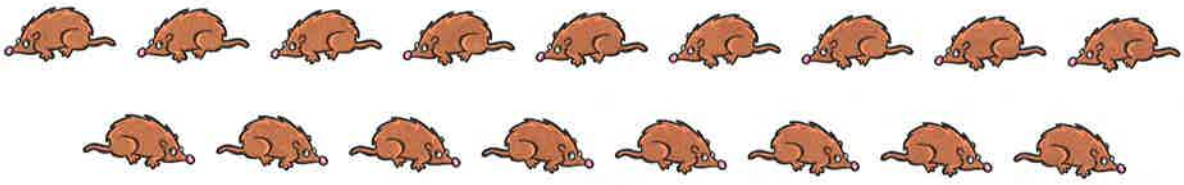
Write how many animals. Then subtract.

9 – 9 = 0



_____ – 12 = _____

_____ – 5 = _____

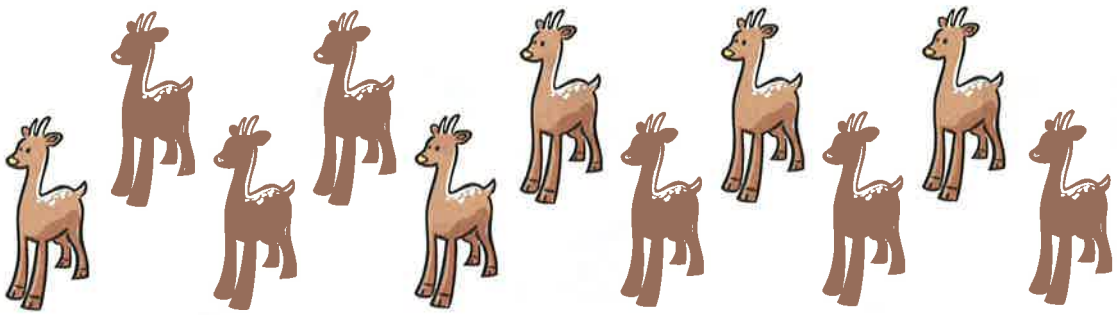


_____ – 17 = _____

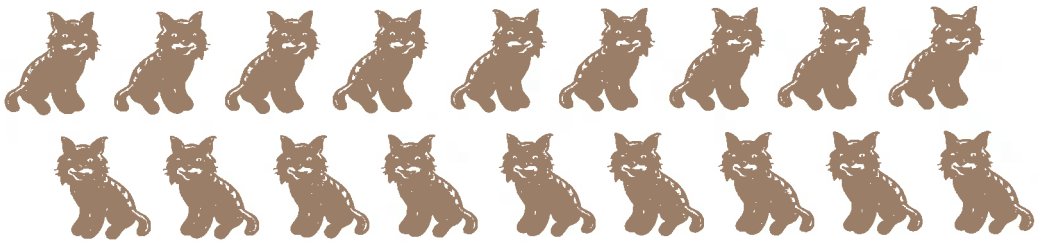
_____ – 10 = _____

Subtracting Zero

Write how many animals. Then subtract.



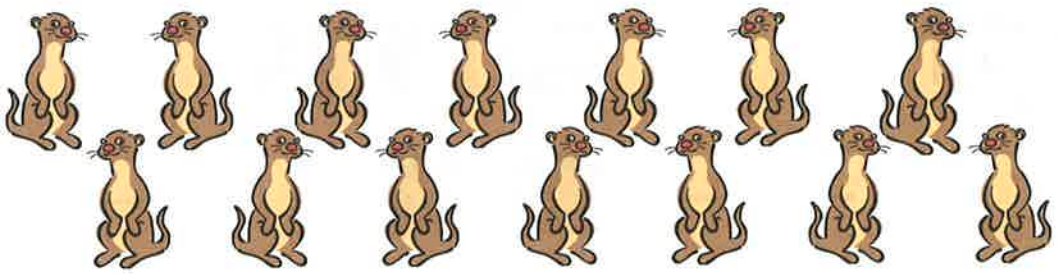
$$\begin{array}{r} \\ -\ 0 \\ \hline \\ \end{array}$$



$$\begin{array}{r} \\ -\ 0 \\ \hline \\ \end{array}$$

$$\begin{array}{r} \\ -\ 0 \\ \hline \\ \end{array}$$

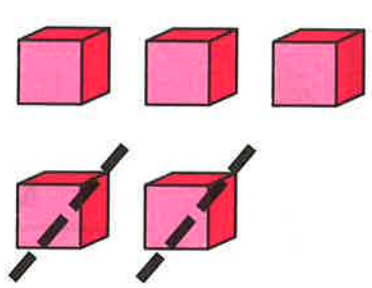
$$\begin{array}{r} \\ -\ 0 \\ \hline \\ \end{array}$$



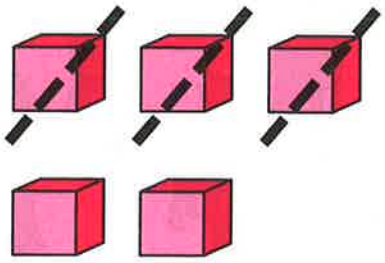
$$\begin{array}{r} \\ -\ 0 \\ \hline \\ \end{array}$$

Order Property

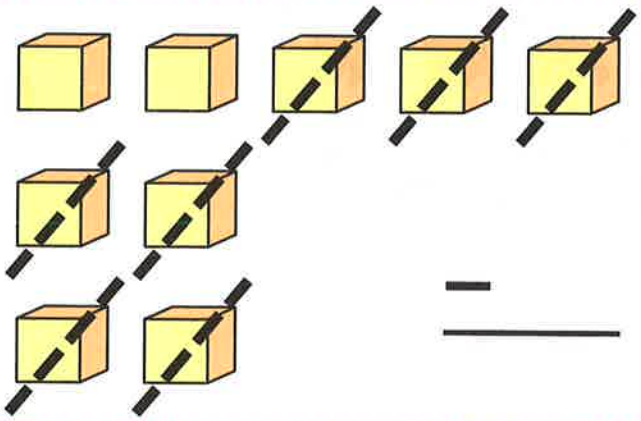
Write the numbers to match the cubes.



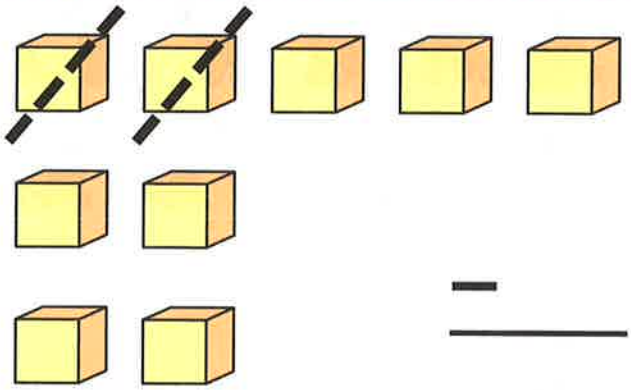
$$\begin{array}{r} 5 \\ -\ 2 \\ \hline 3 \end{array}$$



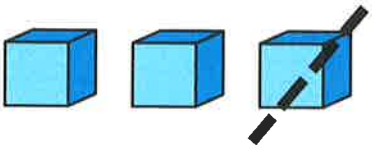
$$\begin{array}{r} 5 \\ -\ 3 \\ \hline 2 \end{array}$$



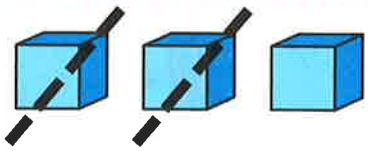
$$\begin{array}{r} \\ - \\ \hline \end{array}$$



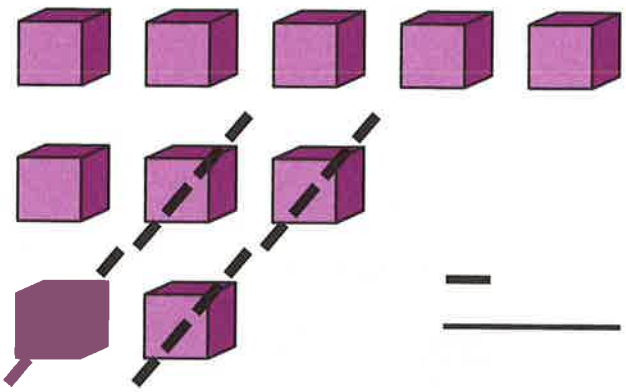
$$\begin{array}{r} \\ - \\ \hline \end{array}$$



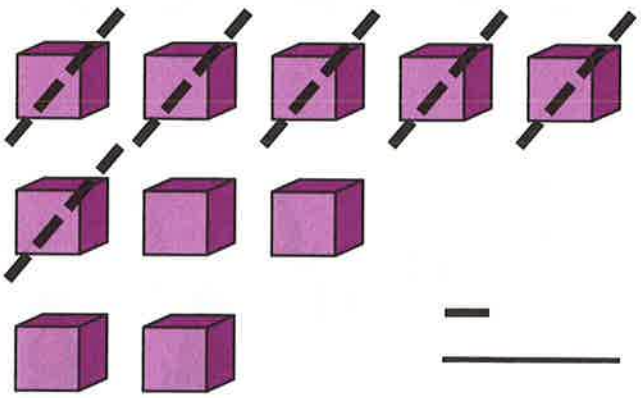
$$\begin{array}{r} \\ - \\ \hline \end{array}$$



$$\begin{array}{r} \\ - \\ \hline \end{array}$$



$$\begin{array}{r} \\ - \\ \hline \end{array}$$

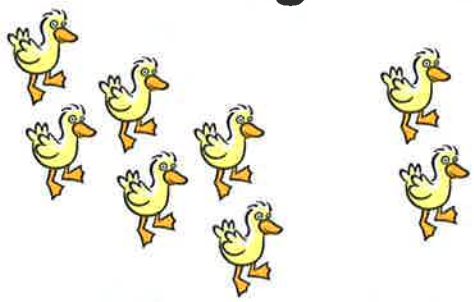


$$\begin{array}{r} \\ - \\ \hline \end{array}$$

Fact Families

Write the fact family for each set of numbers.

8



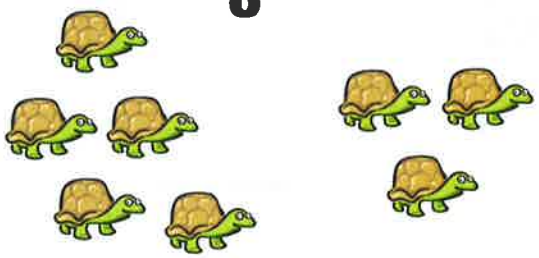
6 + 2 = 8

2 + 6 = 8

8 − 6 = 2

8 − 2 = 6

8



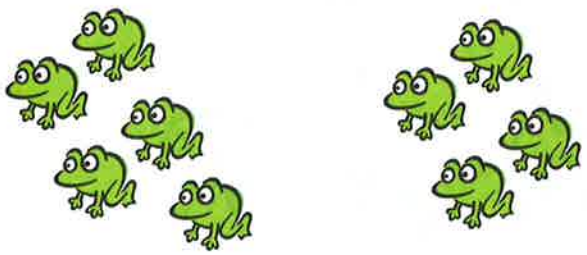
___ + ___ = ___

___ + ___ = ___

___ − ___ = ___

___ − ___ = ___

9



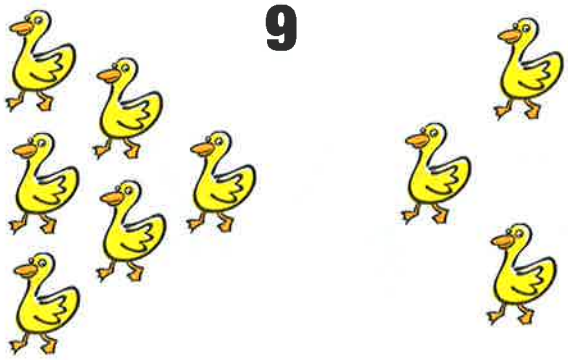
___ + ___ = ___

___ + ___ = ___

___ − ___ = ___

___ − ___ = ___

9



___ + ___ = ___

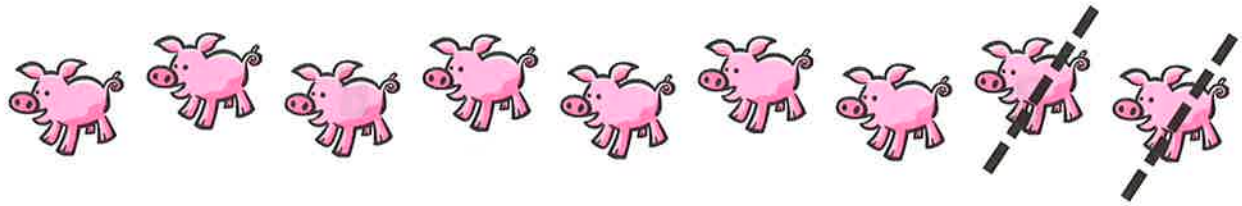
___ + ___ = ___

___ − ___ = ___

___ − ___ = ___

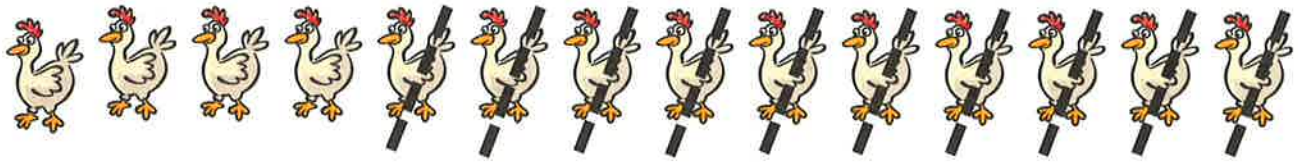
Write a Number Sentence

Write the number sentences to match the pictures.



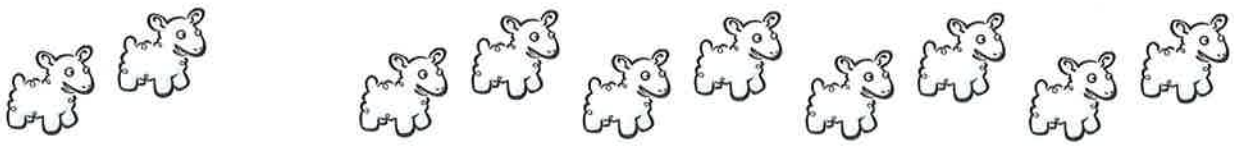
9 − 2 = 7

____ + ____ = ____



____ − ____ = ____

____ − ____ = ____

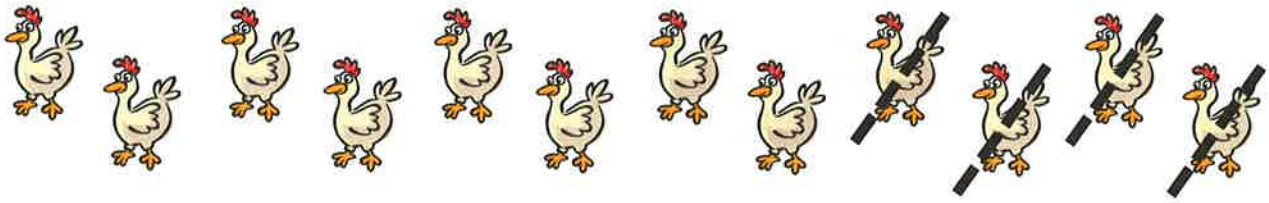


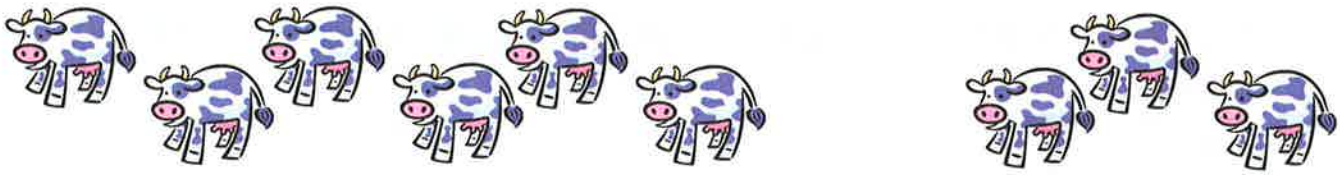
____ + ____ = ____

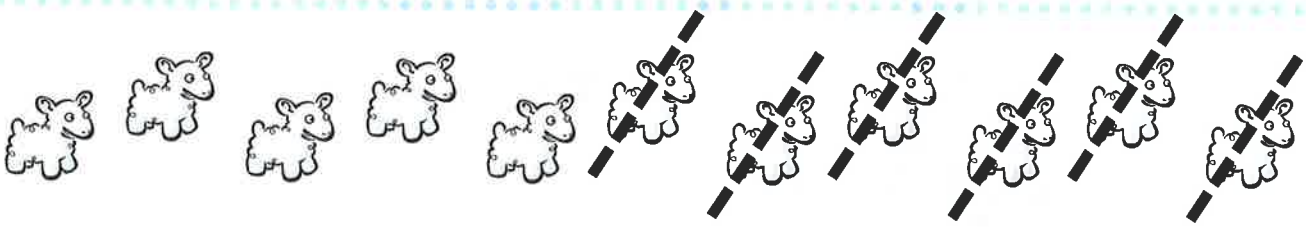
Write a Number Sentence

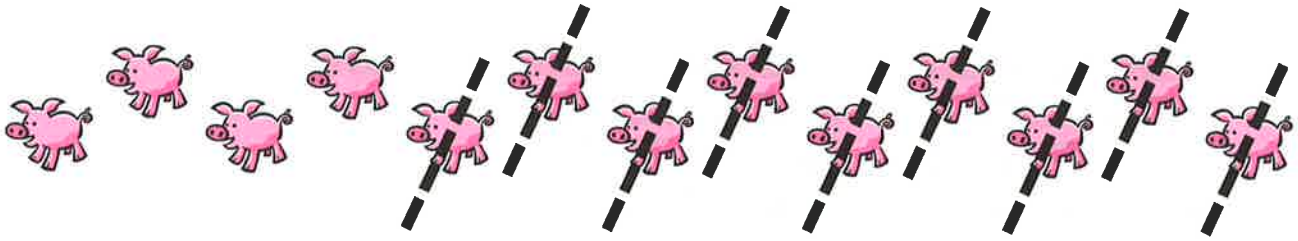
Write the number sentences to match the pictures.

4 + 3 = 7



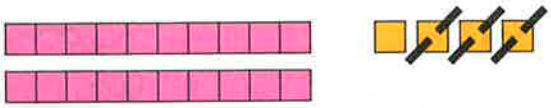




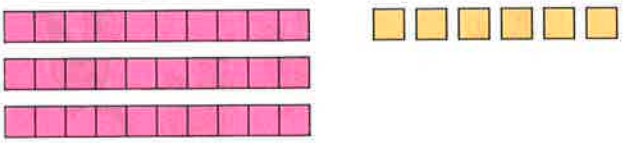


Two-digit Subtraction

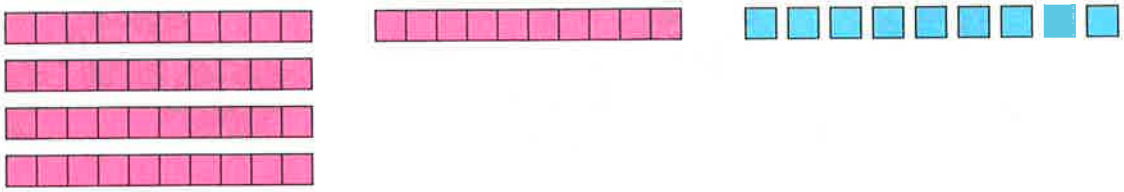
Cross out ones to subtract.



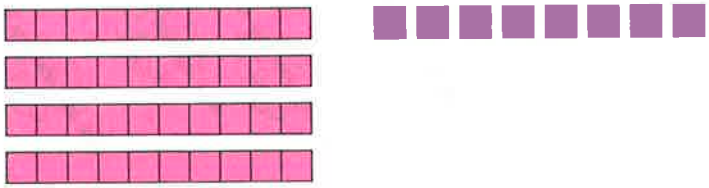
24 − 3 = 21



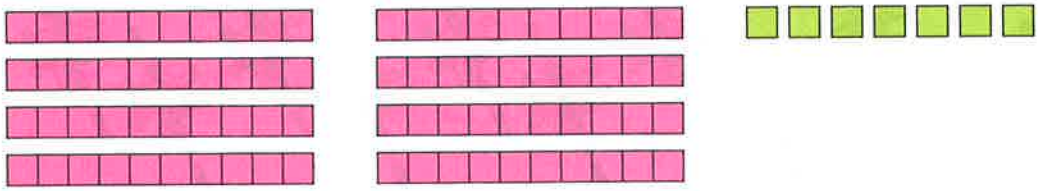
36 − 2 = _____



59 − 8 = _____



48 − 5 = _____

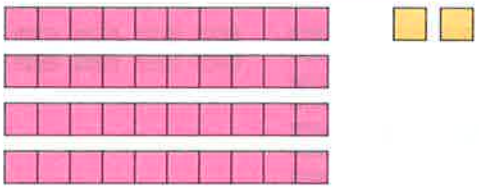


87 − 4 = _____

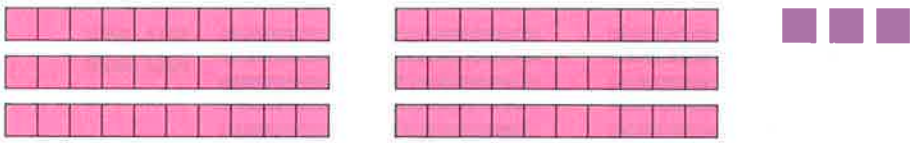
Two-digit Subtraction

Cross out tens to subtract.

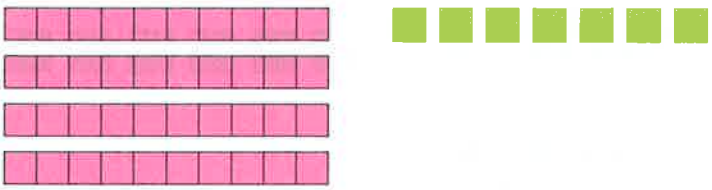
25 − 10 = 15



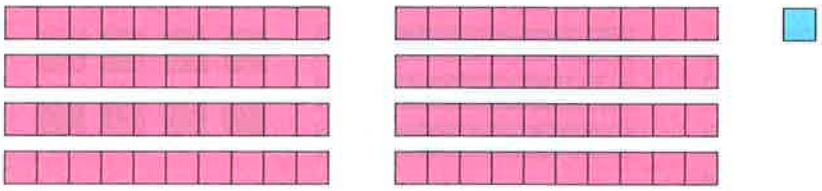
42 − 20 = _____



63 − 40 = _____



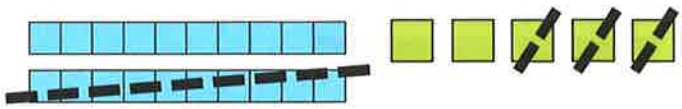
47 − 30 = _____



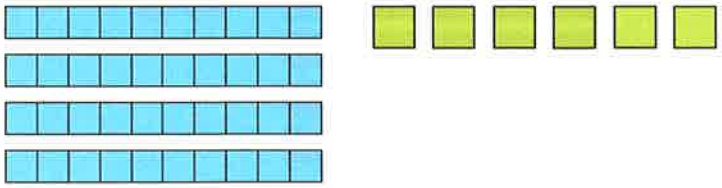
81 − 60 = _____

Two-digit Subtraction

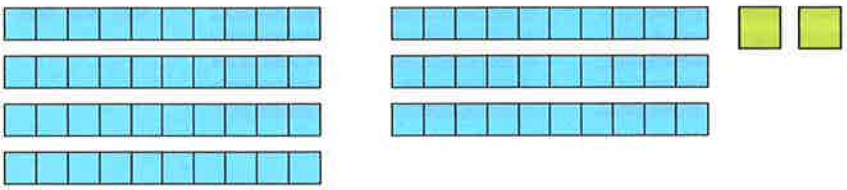
Cross out tens and ones to subtract.



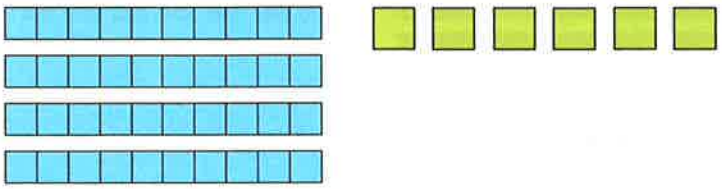
25 – 13 = 12



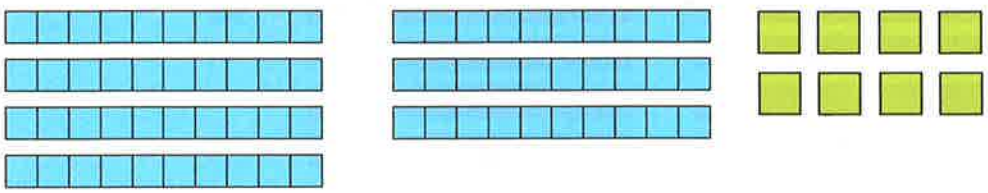
46 – 24 = _____



72 – 31 = _____



46 – 15 = _____



78 – 56 = _____

Two-digit Subtraction

Use these steps to subtract two-digit numbers.

Find: 65 - 2

Step 1	Step 2
Subtract the ones. (5 – 2 = 3)	Subtract the tens. (6 – 0 = 6)
T O 6 5 – 2 3	T O 6 5 – 2 6 3

Find: 84 - 63

Step 1	Step 2
Subtract the ones. (4 – 3 = 1)	Subtract the tens. (8 – 6 = 2)
T O 8 4 – 6 3 1	T O 8 4 – 6 3 2 1

Subtract.

T O 7 6 – 5 7 1	T O 2 9 – 1 4 1 5	T O 3 6 – 4	T O 4 4 – 4 3
T O 7 8 – 2 5	T O 5 8 – 4 1	T O 7 0 – 5 0	T O 4 6 – 2
T O 3 3 – 1 0	T O 4 2 – 3 1	T O 4 4 – 1	T O 7 9 – 6 9
T O 7 3 – 4 2	T O 5 6 – 2 3	T O 9 9 – 0	T O 6 3 – 5 1

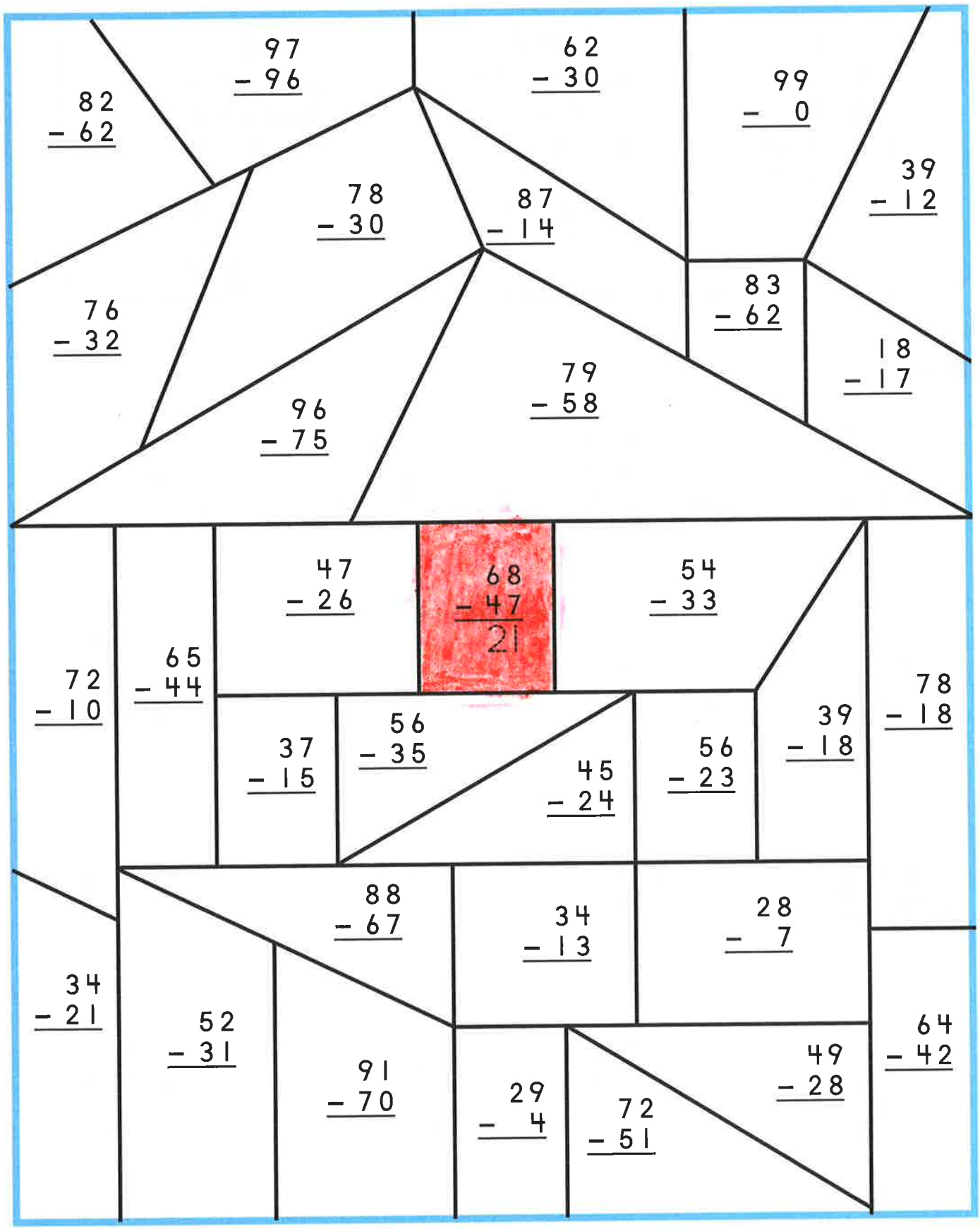
Two-digit Subtraction

Subtract.

86 −54 32	27 −23	72 −72	16 −13
59 −10	75 −3	63 −31	94 −82
86 −22	51 −50	45 −15	89 −60
69 −5	38 −20	14 −14	89 −9
75 −23	69 −40	88 −7	54 −22
16 −3	48 −30	74 −11	50 −20

Two-digit Subtraction

Shade all the areas that have a difference of 21.



Three-digit Subtraction

Use these steps to subtract three-digit numbers.

Find: 874 - 671

Step 1 Subtract the ones. (4 – 1 = 3)	Step 2 Subtract the tens. (7 – 7 = 0)	Step 3 Subtract the hundreds. (8 – 6 = 2)
H T O 8 7 4 – 6 7 1 3	H T O 8 7 4 – 6 7 1 0 3	H T O 8 7 4 – 6 7 1 2 0 3

Subtract.

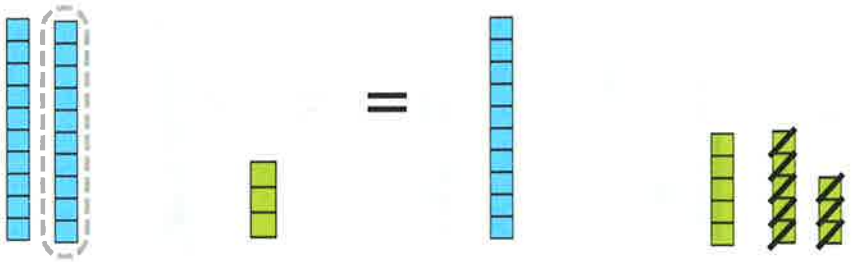
H T O 5 3 8 – 1 2 6	H T O 7 3 9 – 5 3 0	H T O 8 7 3 – 2 3 2	H T O 5 2 3 – 1 3
H T O 7 6 4 – 5 0	H T O 2 8 8 – 1 0 8	H T O 9 9 9 – 0	H T O 4 2 8 – 2 0 5
H T O 9 4 5 – 4 3 5	H T O 5 9 5 – 2 0 3	H T O 6 9 7 – 3 5 0	H T O 6 3 8 – 1 2 8
H T O 9 5 4 – 2 1	H T O 8 8 6 – 0	H T O 4 8 9 – 5 2	H T O 2 3 4 – 1 0 2

Two-digit Subtraction with Regrouping

Regroup the tens. Cross out ones to subtract.

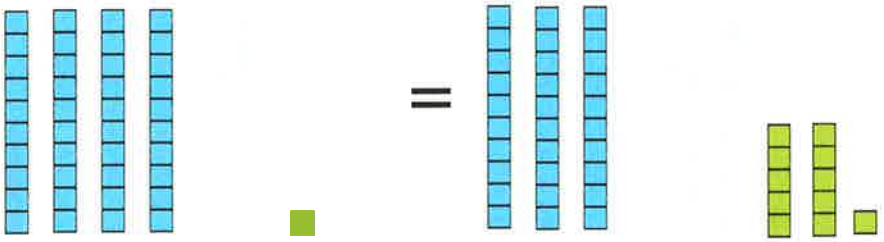
2 tens 3 ones = 1 ten 13 ones

$$\begin{array}{r} 23 \\ -\ 8 \\ \hline 15 \end{array}$$



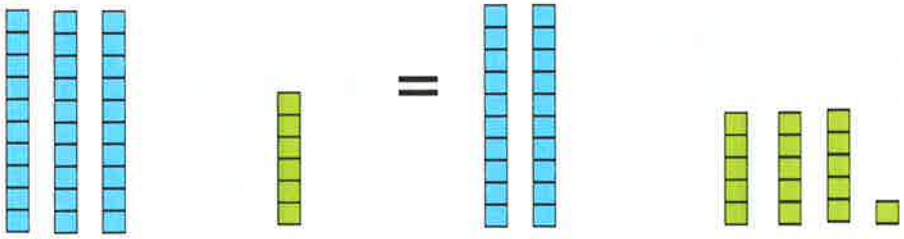
4 tens 1 one = _____ tens _____ ones

$$\begin{array}{r} 41 \\ -\ 6 \\ \hline \end{array}$$



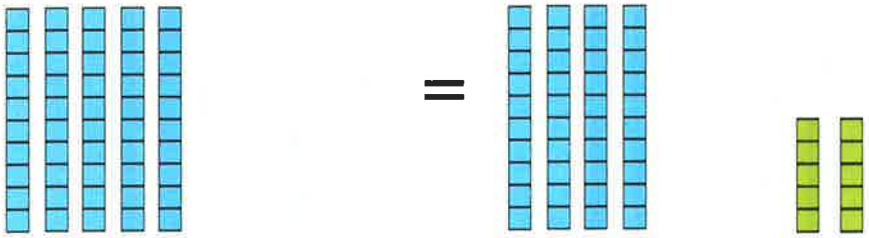
3 tens 6 ones = _____ tens _____ ones

$$\begin{array}{r} 36 \\ -\ 9 \\ \hline \end{array}$$



5 tens 0 ones = _____ tens _____ ones

$$\begin{array}{r} 50 \\ -\ 7 \\ \hline \end{array}$$

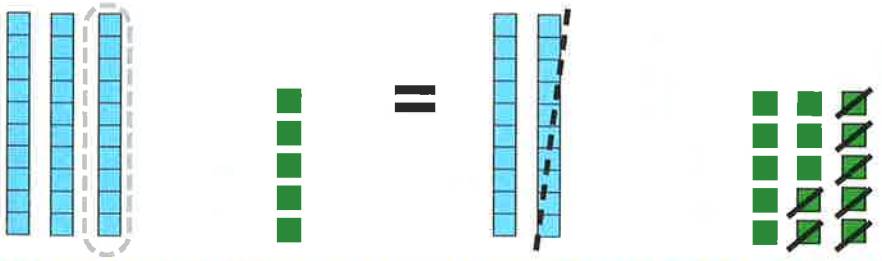


Two-digit Subtraction with Regrouping

Regroup the tens. Cross out tens and ones to subtract.

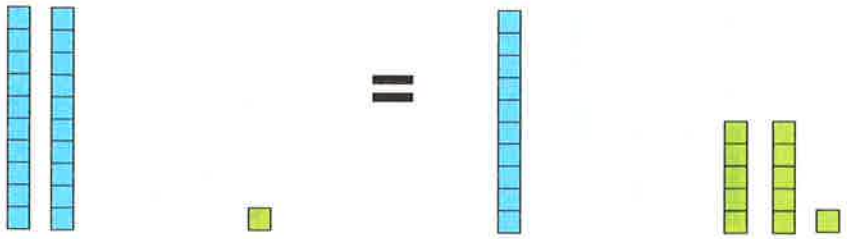
3 tens 5 ones = 2 tens 15 ones

$$\begin{array}{r} 35 \\ -\ 17 \\ \hline 18 \end{array}$$



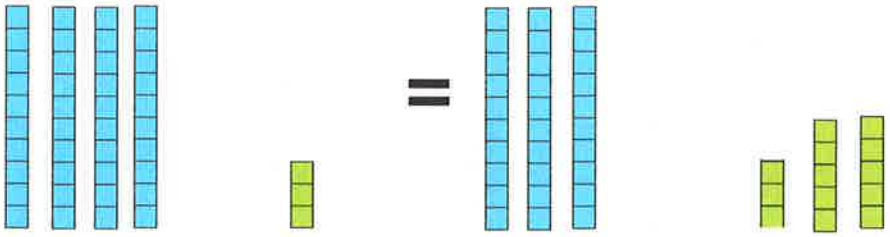
2 tens 1 one = ____ ten ____ ones

$$\begin{array}{r} 21 \\ -\ 14 \\ \hline \end{array}$$



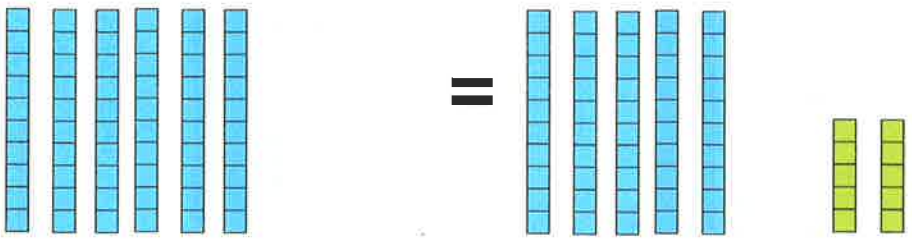
4 tens 3 ones = ____ tens ____ ones

$$\begin{array}{r} 43 \\ -\ 29 \\ \hline \end{array}$$



6 tens 0 ones = ____ tens ____ ones

$$\begin{array}{r} 60 \\ -\ 37 \\ \hline \end{array}$$

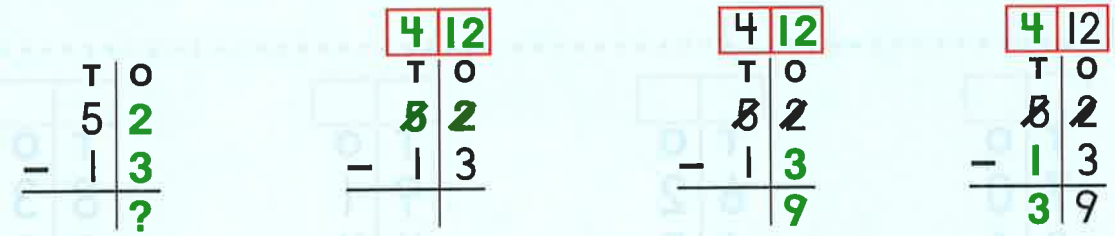


Two-digit Subtraction with Regrouping

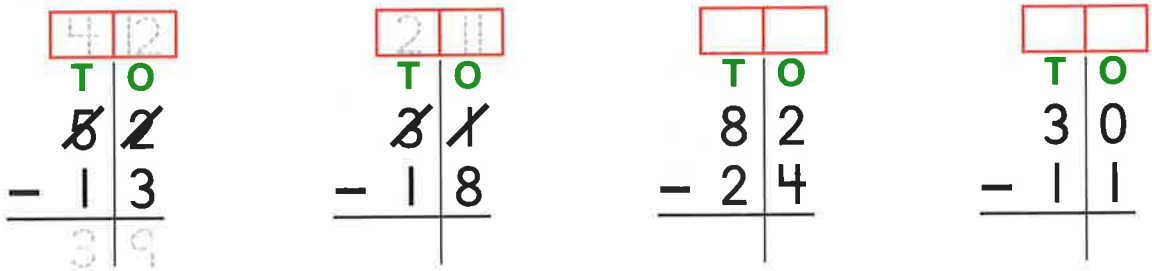
Use these steps to subtract two-digit numbers with regrouping.

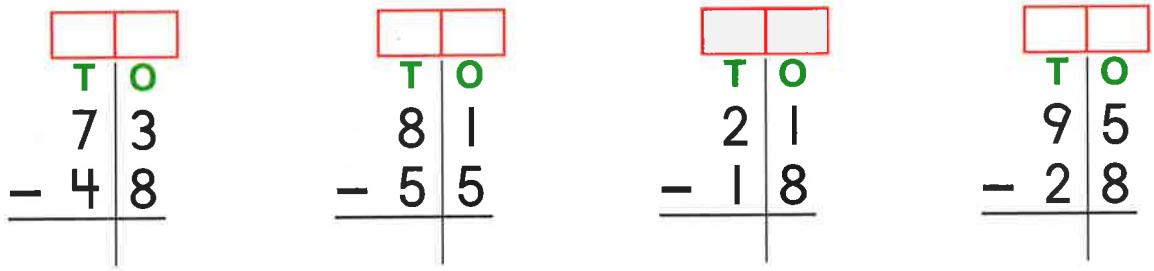
Find: 52- 13

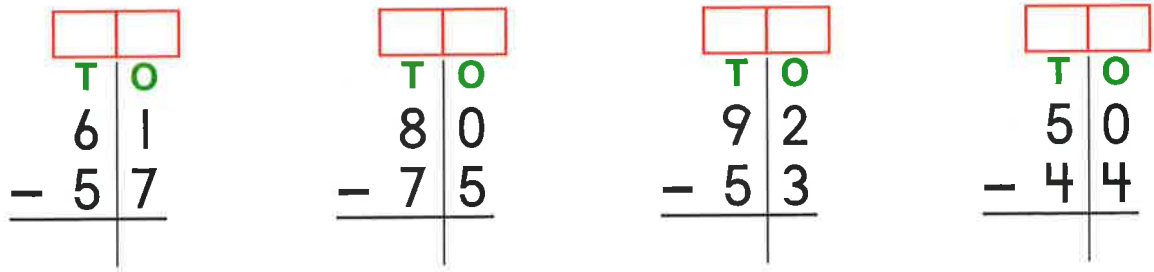
Step 1	**Step 2**	**Step 3**	**Step 4**
Subtract ones. More ones are needed. (2 – 3 = ?)	Regroup. Show 1 less ten and 10 more ones.	Subtract the ones. (12 – 3 = 9)	Subtract the tens. (4 – 1 = 3)



Subtract.

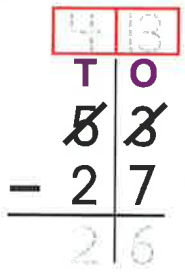


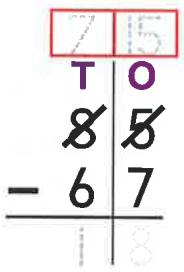


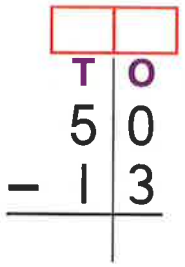


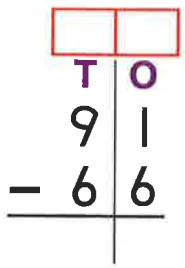
Two-digit Subtraction with Regrouping

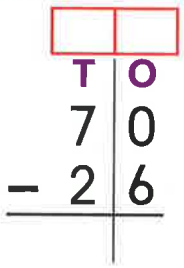
Subtract.

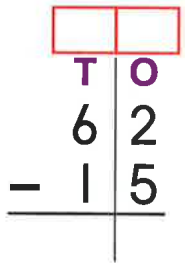


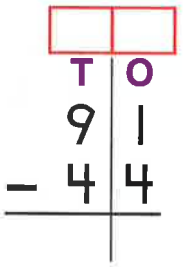


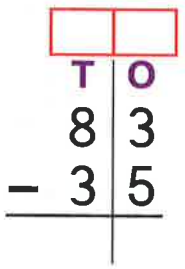


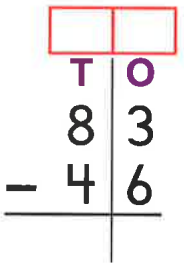


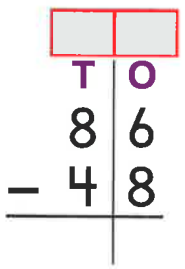


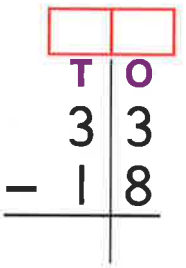


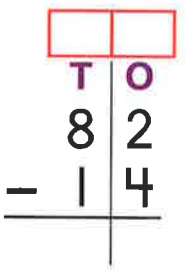


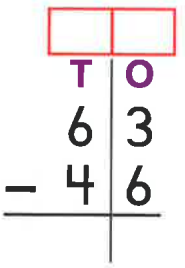


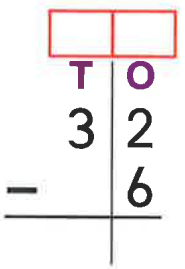


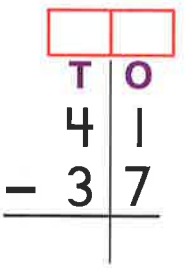


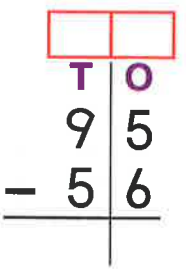


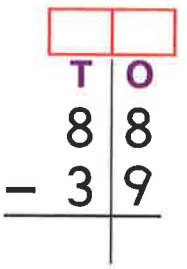


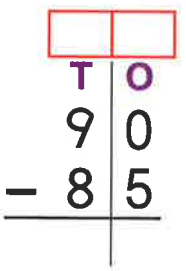


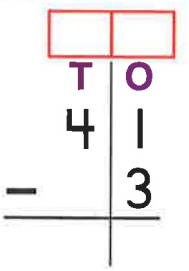


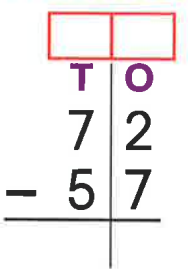






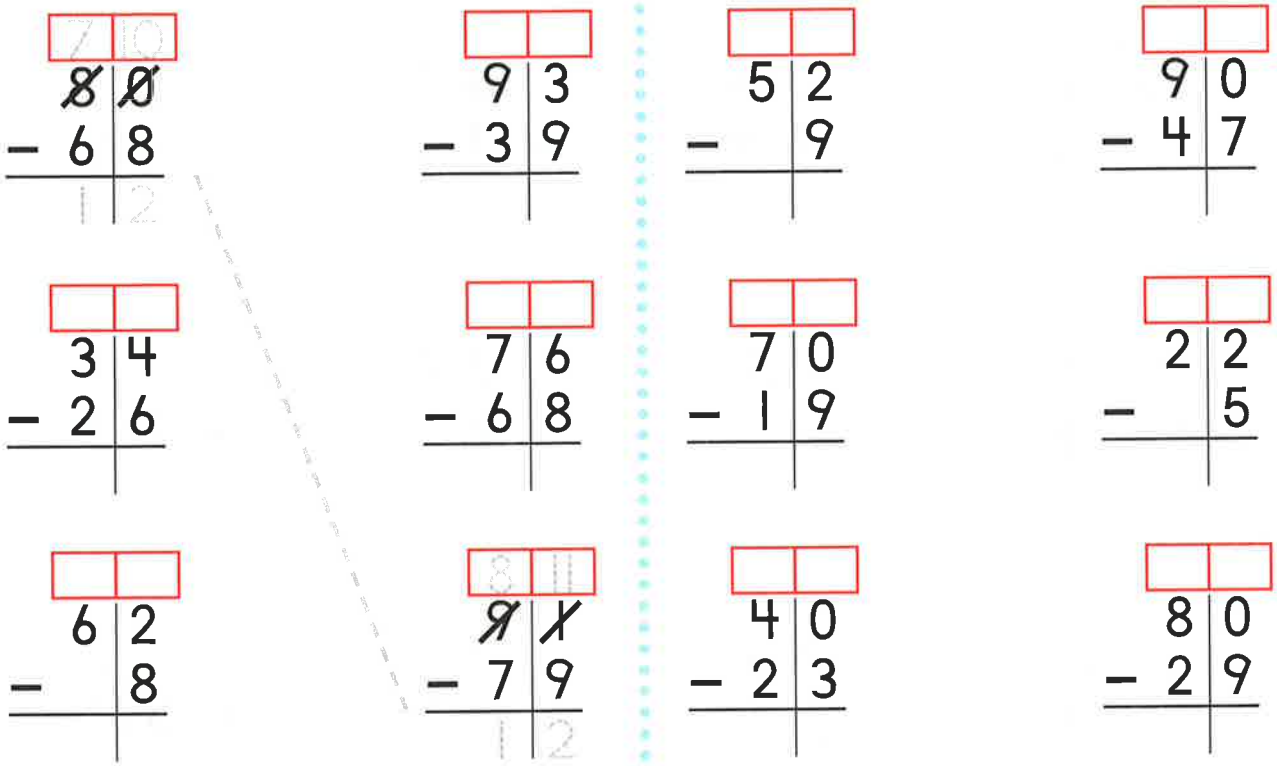


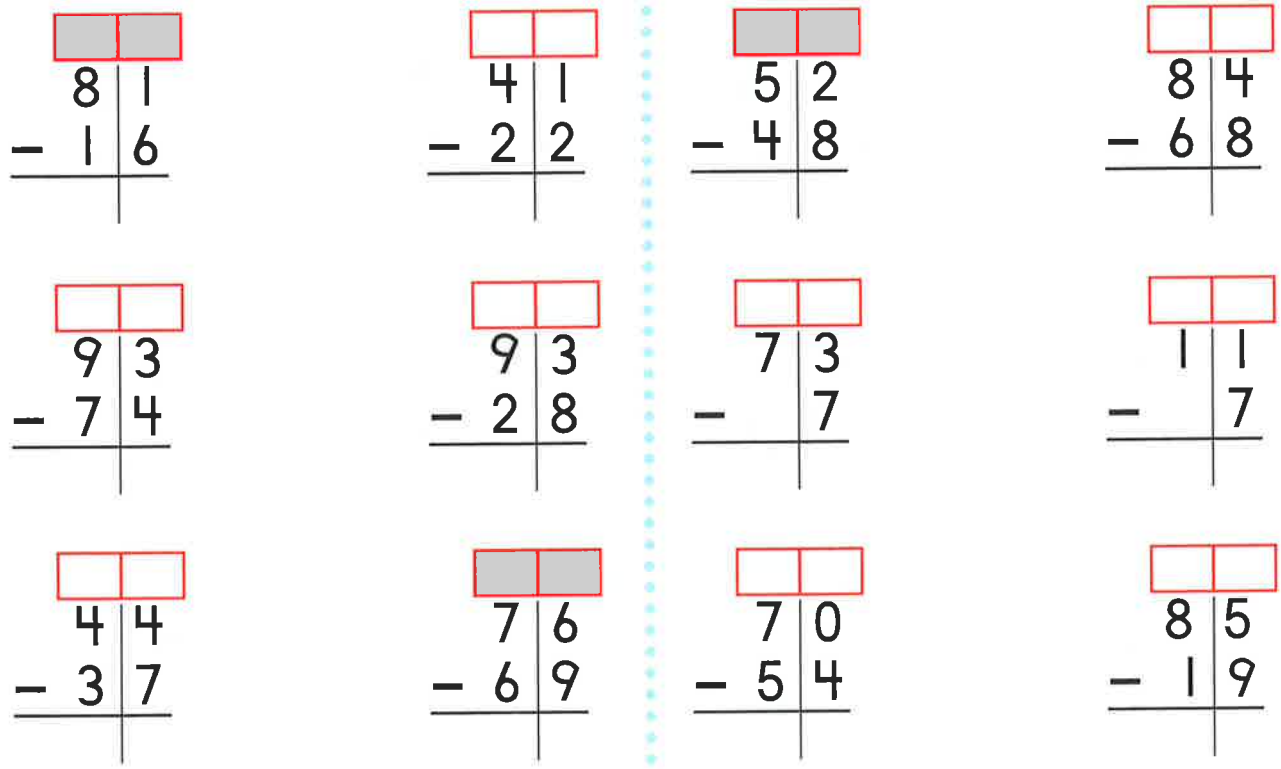




Two-digit Subtraction with Regrouping

Match the equal differences.





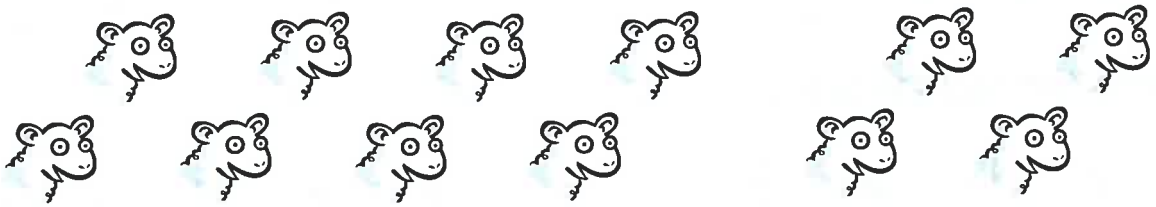
Two-digit Subtraction with Regrouping

Subtract.

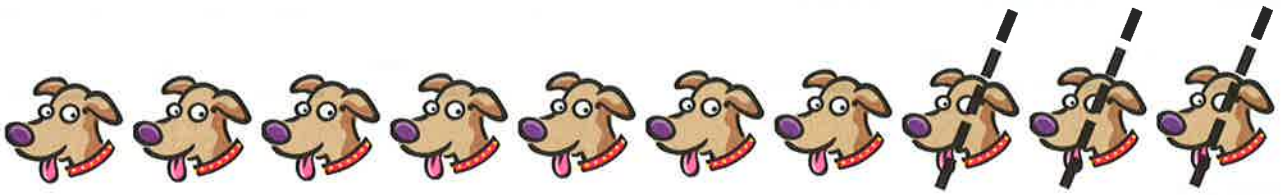
5 11 6 1 − 3 2 2 9	9 4 − 1 9	5 0 − 3 2	3 1 − 2
9 4 − 8	3 2 − 2 9	8 0 − 7 8	7 1 − 2 8
6 1 − 2 3	6 2 − 2 5	9 3 − 8 4	7 0 − 5 7
7 0 − 6 1	8 3 − 5	7 0 − 3 9	6 7 − 4 8
6 8 − 4 9	2 3 − 1 7	4 4 − 3 6	8 7 − 2 8
3 6 − 1 9	2 3 − 4	4 1 − 2 8	8 2 − 7 3

Choose an Operation

Look at the pictures. Write + or –. Then write the sum or difference.

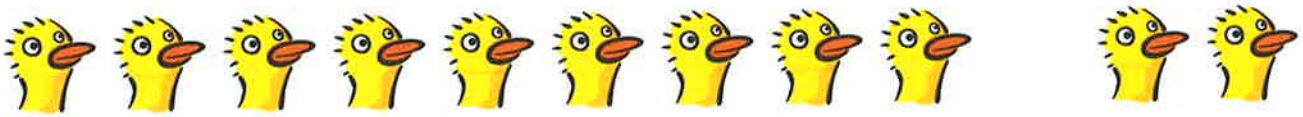


8 [+] 4 = 12



10 [ ] 3 = ____

6 [ ] 4 = ____



9 [ ] 2 = ____

12 [ ] 9 = ____

Unit 3 Review

Subtract.

$6 - 6 = \_\_\_\_$ $\quad$ $14 - 5 = \_\_\_\_$

$13 - 7 = \_\_\_\_$ $\quad$ $8 - 0 = \_\_\_\_$

Complete the fact families.

$5 + 4 = 9$ $\quad$ $7 + 3 = 10$

$\_\_ + \_\_ = \_\_$ $\quad$ $\_\_ + \_\_ = \_\_$

$\_\_ - \_\_ = \_\_$ $\quad$ $\_\_ - \_\_ = \_\_$

$\_\_ - \_\_ = \_\_$ $\quad$ $\_\_ - \_\_ = \_\_$

Subtract.

$$\begin{array}{r} 18 \\ -\ 3 \\ \hline \end{array} \qquad \begin{array}{r} 45 \\ -\ 23 \\ \hline \end{array} \qquad \begin{array}{r} 64 \\ -\ 51 \\ \hline \end{array} \qquad \begin{array}{r} 78 \\ -\ 51 \\ \hline \end{array}$$

$$\begin{array}{r} 493 \\ -\ 163 \\ \hline \end{array} \qquad \begin{array}{r} 571 \\ -\ 140 \\ \hline \end{array} \qquad \begin{array}{r} 639 \\ -\ 305 \\ \hline \end{array} \qquad \begin{array}{r} 285 \\ -\ 214 \\ \hline \end{array}$$

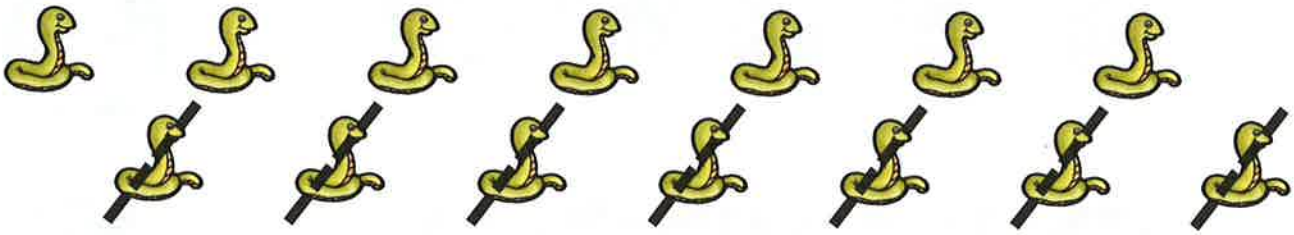
$$\begin{array}{r|r} \square\square & \square \\ 15 & \\ -\ 6 & \\ \hline & \end{array} \qquad \begin{array}{r|r} \square\square & \square \\ 31 & \\ -\ 25 & \\ \hline & \end{array} \qquad \begin{array}{r|r} \square\square & \square \\ 26 & \\ -\ 18 & \\ \hline & \end{array} \qquad \begin{array}{r|r} \square\square & \square \\ 44 & \\ -\ 39 & \\ \hline & \end{array}$$

$$\begin{array}{r|r} \square\square & \square \\ 85 & \\ -\ 56 & \\ \hline & \end{array} \qquad \begin{array}{r|r} \square\square & \square \\ 72 & \\ -\ 38 & \\ \hline & \end{array}$$

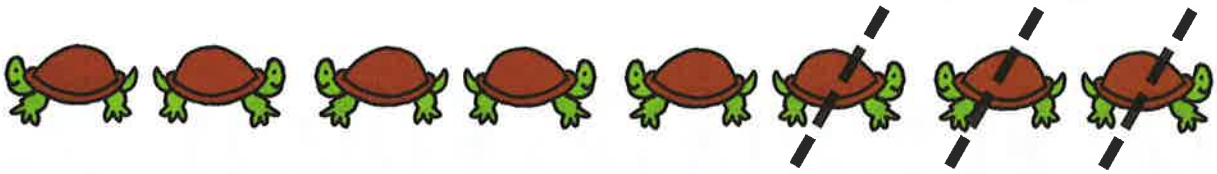
Unit 3 Review

Write the number sentences to match the pictures.

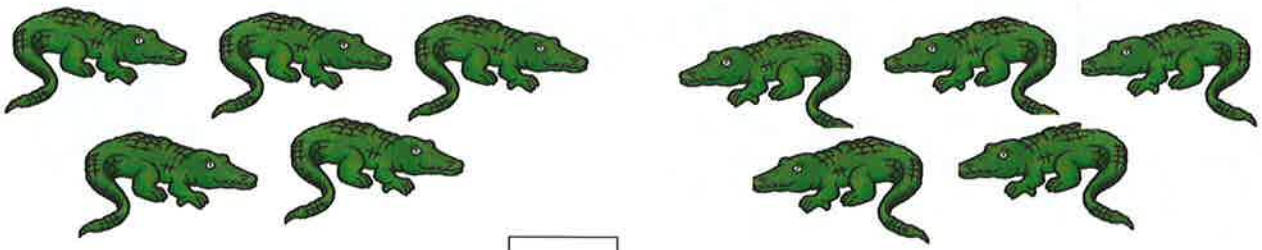
____ ☐ ____ = ____



____ ☐ ____ = ____



____ ☐ ____ = ____



____ ☐ ____ = ____

unit 4
money

Pennies

 = 1 cent = 1¢

Count the money. Write the total amount on each bag.

Pennies and Nickels

 = 5 cents = 5¢

Count the money. Write the total amount on each bag.

Pennies, Nickels, and Dimes

 = 10 cents = 10¢

Count the money. Write the total amount on each bag.

Pennies, Nickels, and Dimes

Count the money. Circle the correct amount.

8¢

13¢

4¢

17¢

12¢

13¢

31¢

26¢

16¢

40¢

22¢

31¢

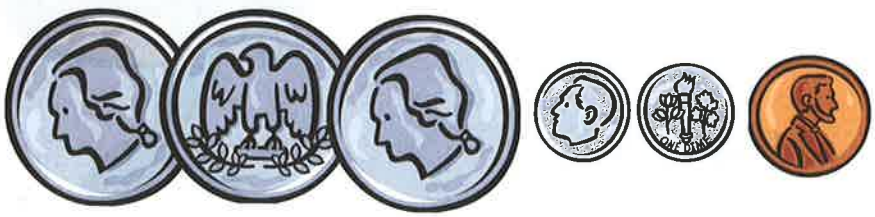
53¢ 48¢ 43¢

55¢ 60¢ 45¢

Pennies, Nickels, Dimes, and Quarters

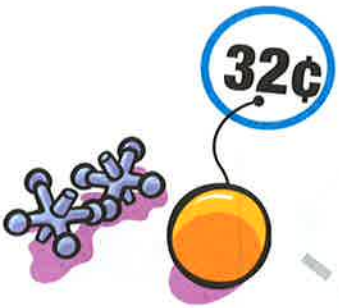
 = 25 cents = 25¢

Count the money. Write the total amount on each bag.



Pennies, Nickels, Dimes, and Quarters

Match each item with the money that can buy it.



Use Logic

Write two different ways to buy each item.

				
 19¢		1	1	4
			3	4
 28¢				
 62¢				
 97¢				

Money Equivalents

Match equal amounts of money.

Money Equivalents

Write how many of each coin you need to make the amount shown.


5¢ = 1 or 5



10¢ = _____ or _____ or _____



25¢ = _____ or _____ or _____



50¢ = _____ or _____ or _____



100¢ = _____ or _____ or _____

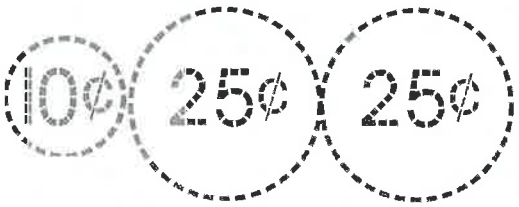
Show How Much

Circle the coins you need to buy each item.

Use the Fewest Coins

Write how much money. Then draw the same amount with the fewest coins.

60 ¢



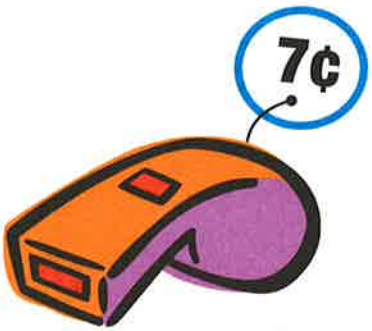
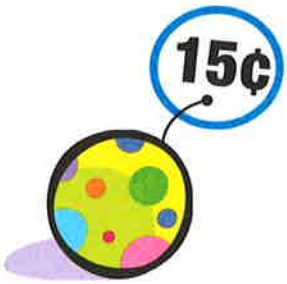
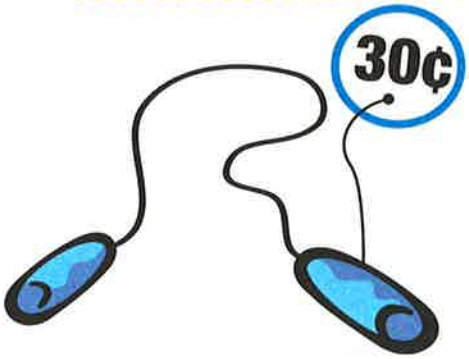
¢

¢

¢

Making Change

Write how much change you get back.

Price	You Pay	Your Change
		3 ¢
		¢
		¢
		¢

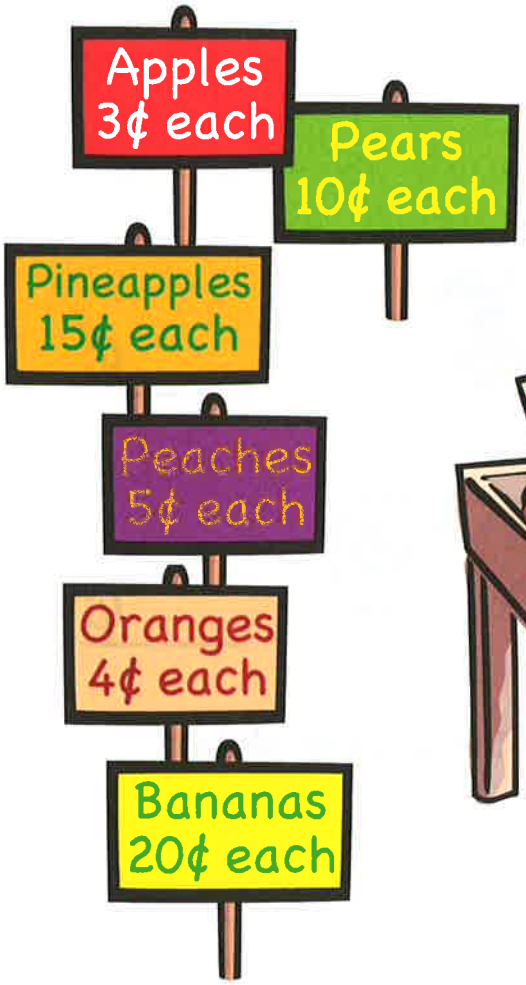
Making Change

Write how much change you get back.

Price	You Pay	Your Change
		20 ¢
		¢
		¢
		¢

Use a Picture

You pay 25¢ for each item. Write your change.



You Pay: 25¢

22¢

You Pay: 25¢

¢

You Pay: 25¢

¢

You Pay: 25¢

¢

You Pay: 25¢

¢

You Pay: 25¢

¢

Unit 4 Review

Write how much money.

_____ ¢

_____ ¢

Write how many of each coin you need to make the amount shown.


5¢ = 1 or 5



10¢ = _____ or _____ or _____

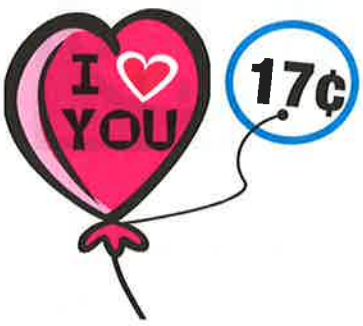
Write how much money. Then draw the same amount with the fewest coins.

_____ ¢

Unit 4 Review

Write two different ways to buy each item.

Write your change.

Price	You Pay	Your Change
		____ ¢
		____ ¢

unit 5
Time

Telling Time: Hours

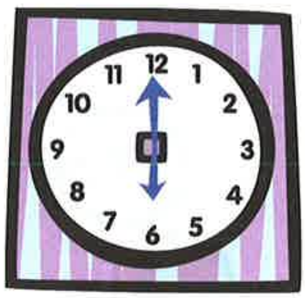
Write the time shown on each clock in two ways.

4:00

4 o'clock

___:___

______ o'clock



___:___

______ o'clock

___:___

______ o'clock

___:___

______ o'clock

___:___

______ o'clock

___:___

______ o'clock

___:___

______ o'clock

___:___

______ o'clock

Telling Time: Half Hours

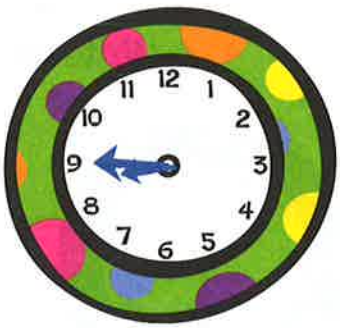
Write the time shown on each clock.

9:30

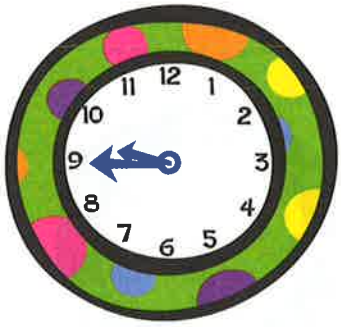
Telling Time: Quarter Hours

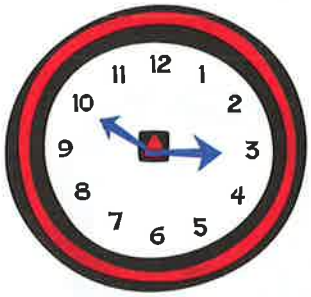
Write the time shown on each clock.

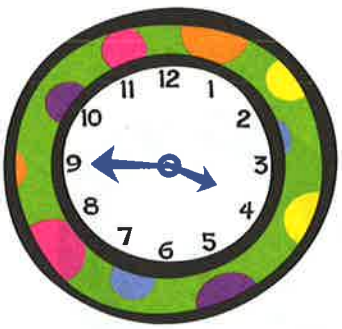
2:15



8:45

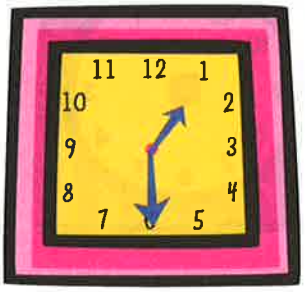


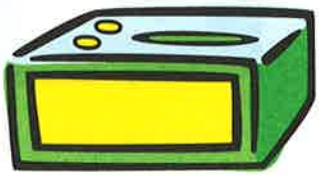


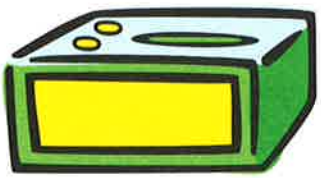


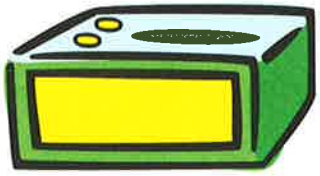
Telling Time: Quarter Hours

Write the times that are a quarter hour later.



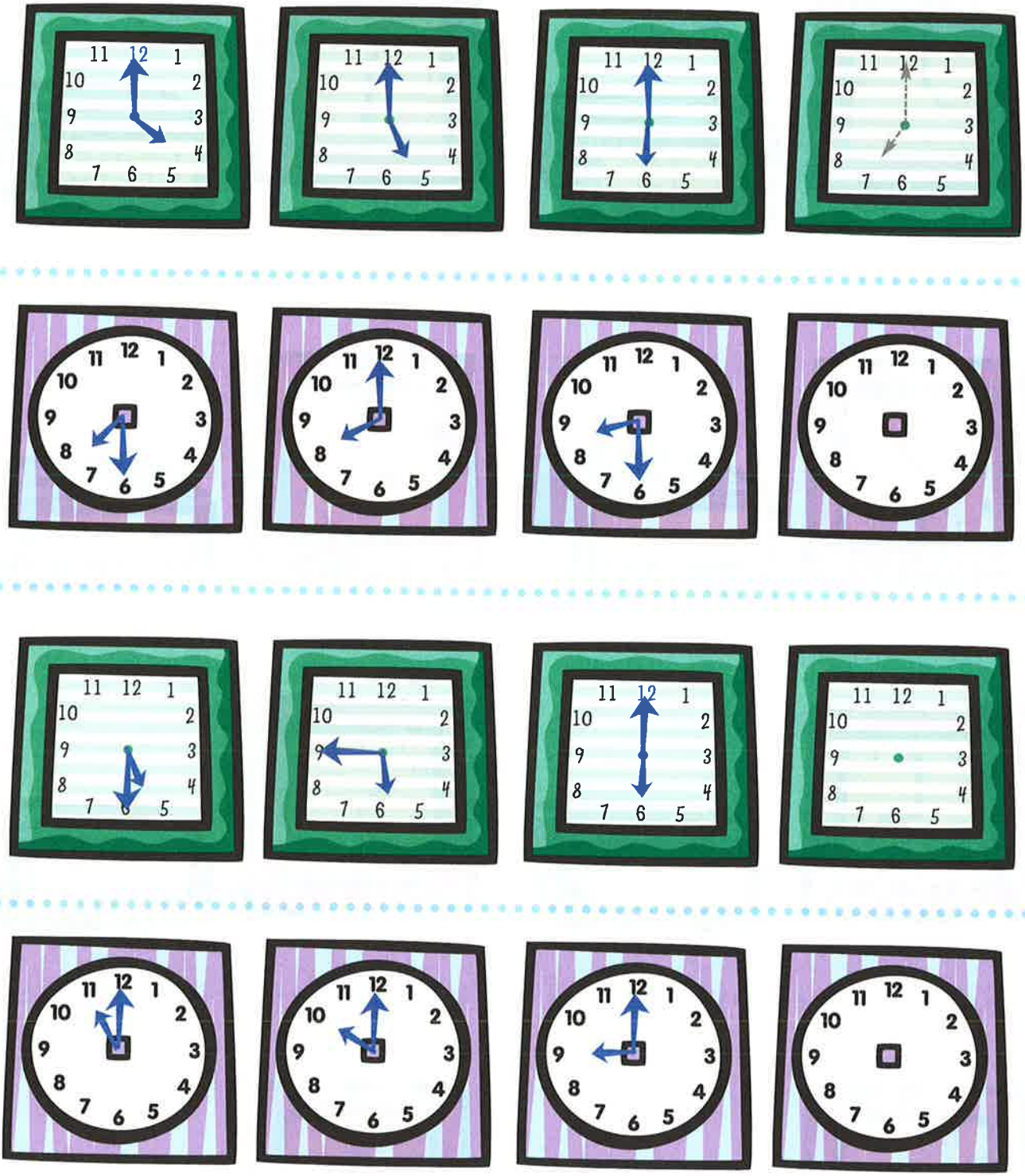






Complete a Pattern

Draw the next clock in each pattern.

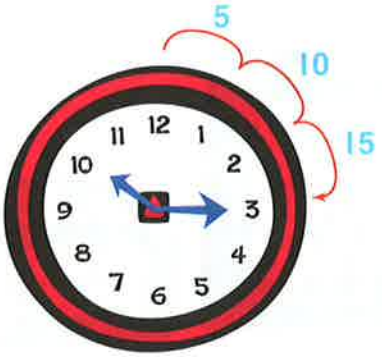


Telling Time: Five Minutes

Write the time shown on each clock in two ways.

10:05

5 minutes after 10



10:15

15 minutes after 10

:

___ minutes after ___

:

___ minutes after ___

:

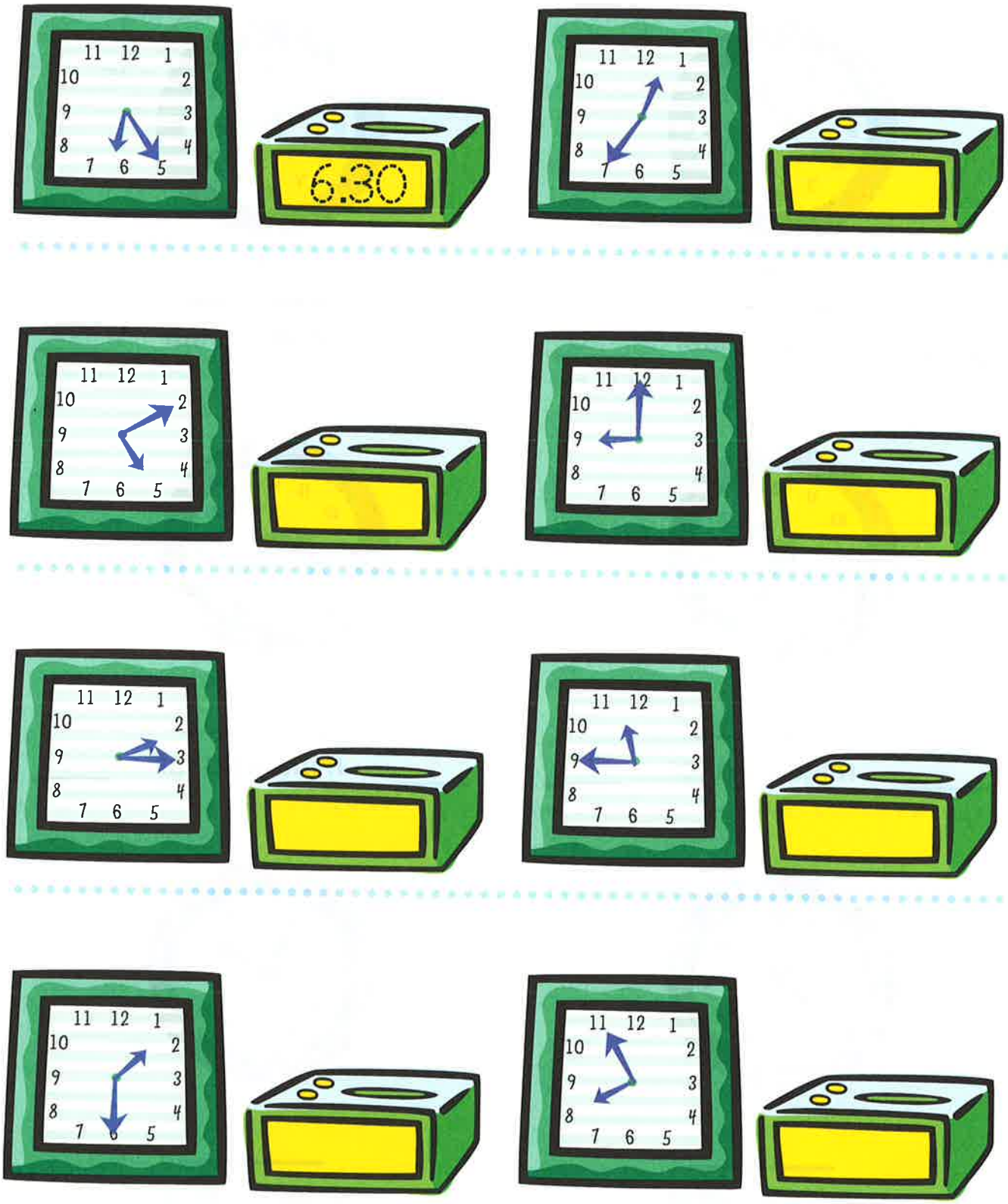
___ minutes after ___

:

___ minutes after ___

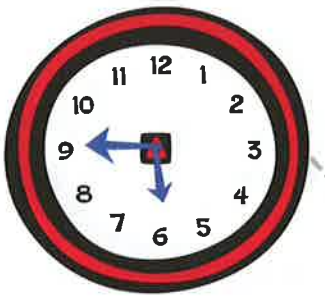
Telling Time: Five Minutes

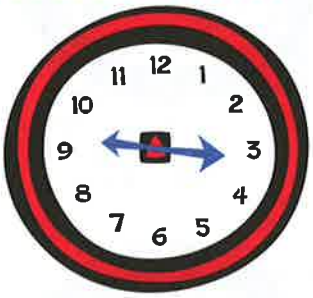
Write the times 5 minutes later.

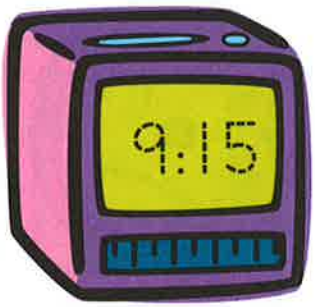


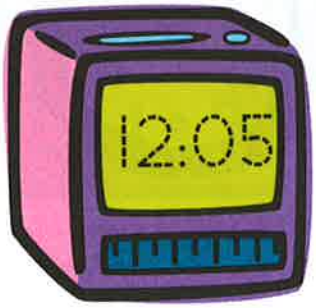
Practice Telling Time

Match the clocks that show the same time.









Unit 5 Review

Write the time shown on each clock.

___:___

___:___

___:___

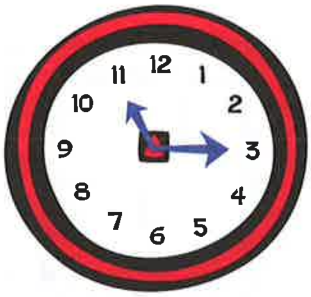
___:___

___:___

___:___

___:___

___:___



___:___

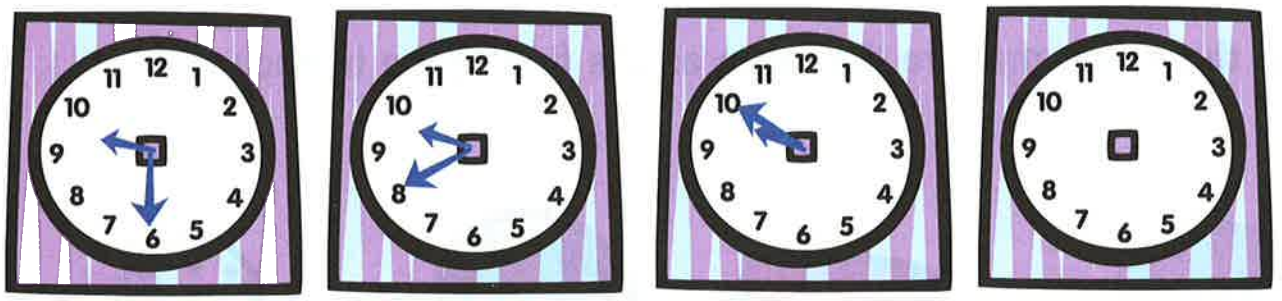
___:___

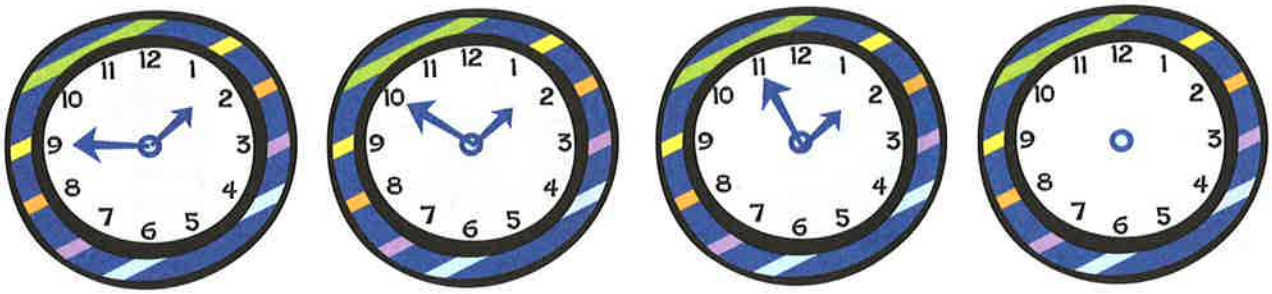
___:___

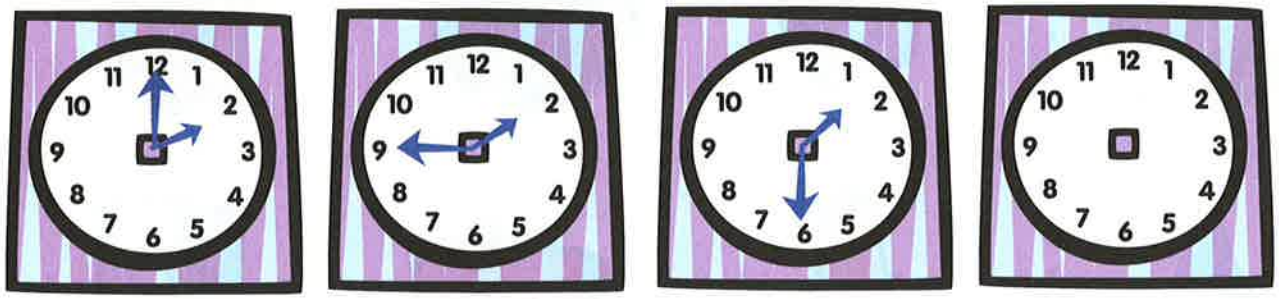
___:___

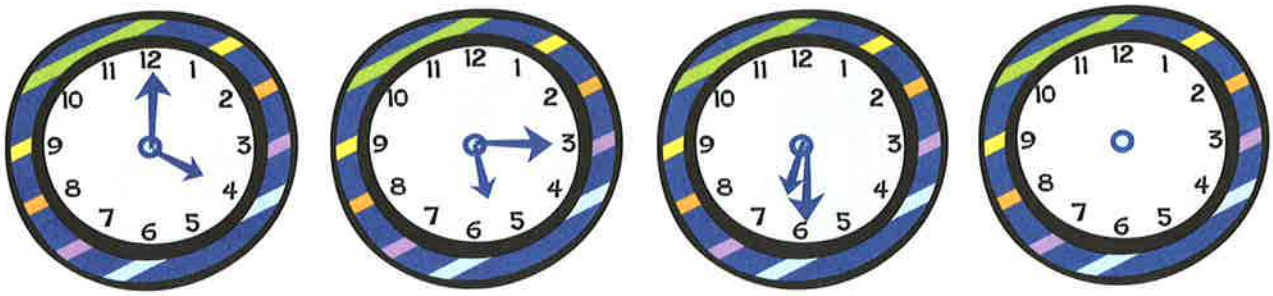
Unit 5 Review

Draw the next clock in each pattern.







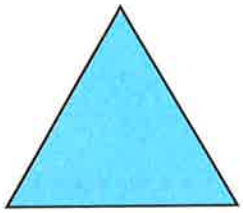


Solid Figures

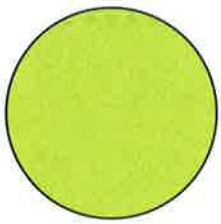
Circle the solids that are the same as the first figure in each row.

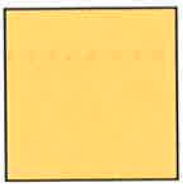
Plane Figures

Circle the figures that are the same as the first figure in each row.

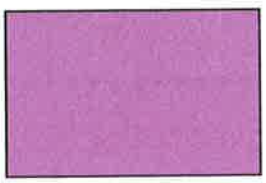






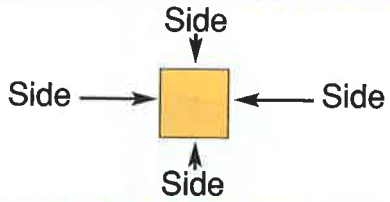
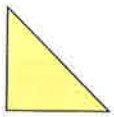







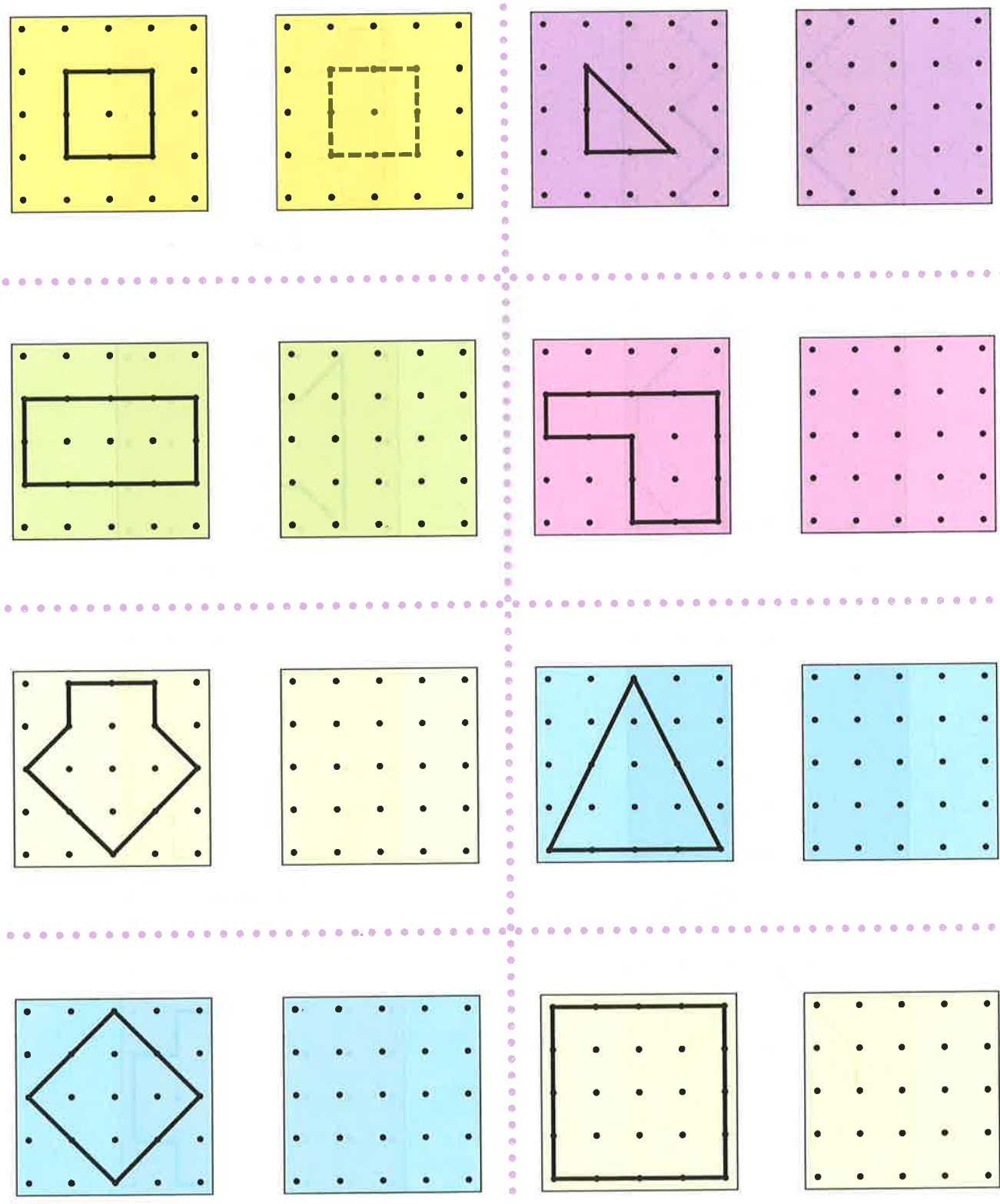

Plane Figures

Name the figure. Then count its straight sides.

Shape	Name	Sides
	square	4
		
		
		
		
		
		

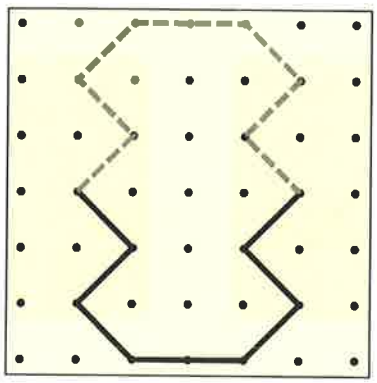
Congruence

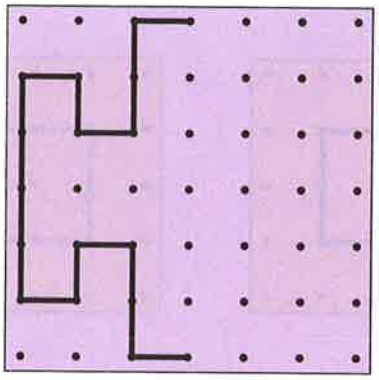
Draw a figure to match each one shown.

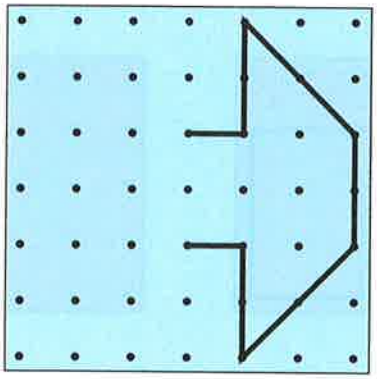


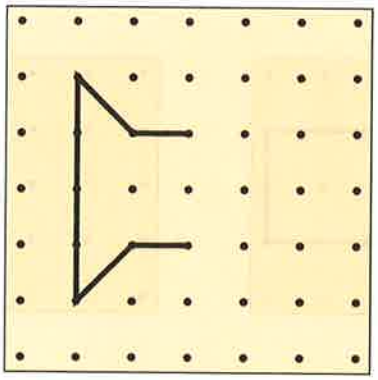
Symmetry

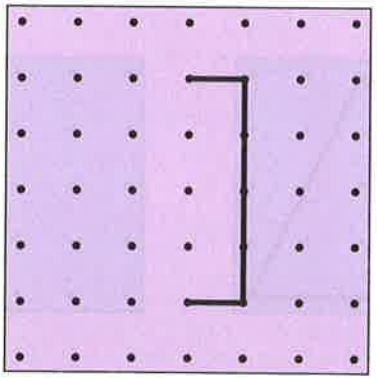
Draw the other half of each figure.

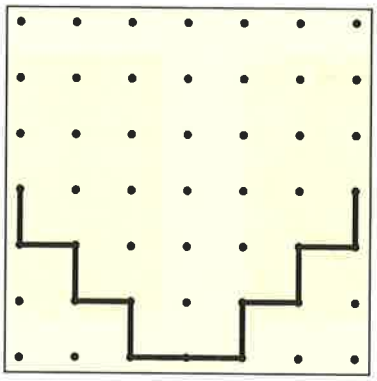


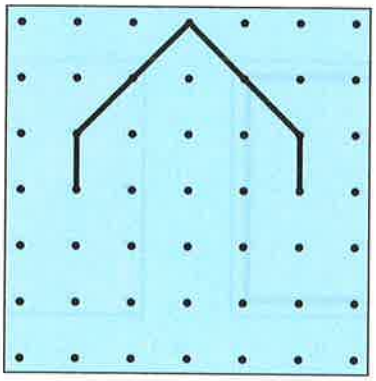


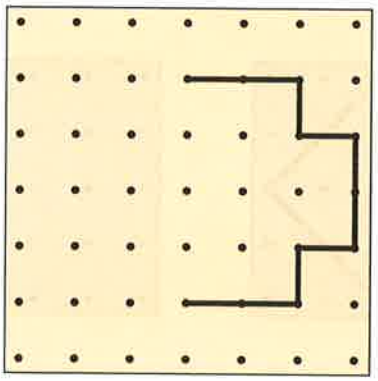






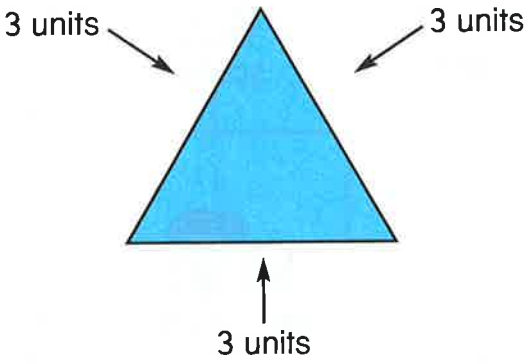




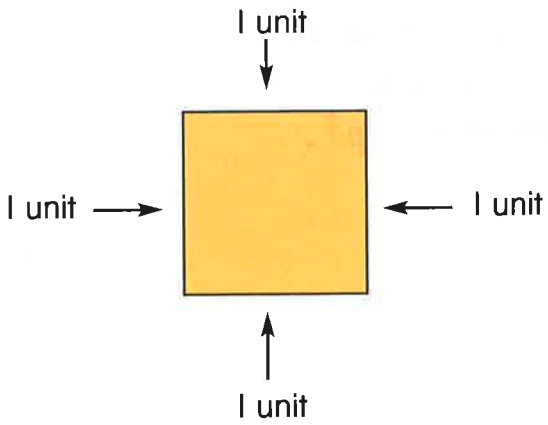


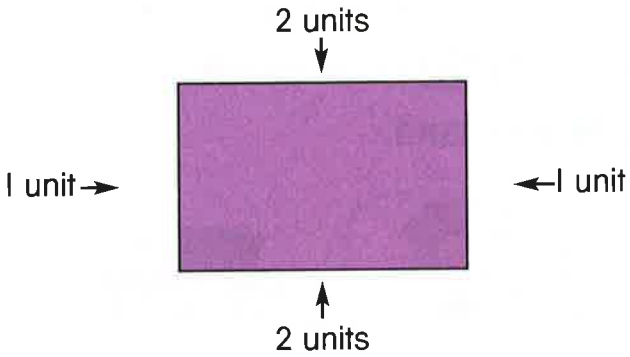
Exploring Perimeter

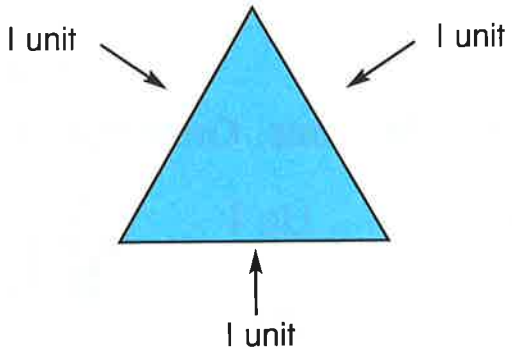
Count the number of units around each figure.

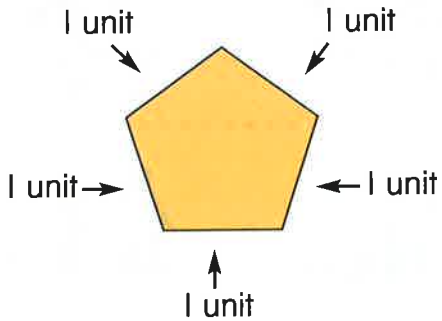


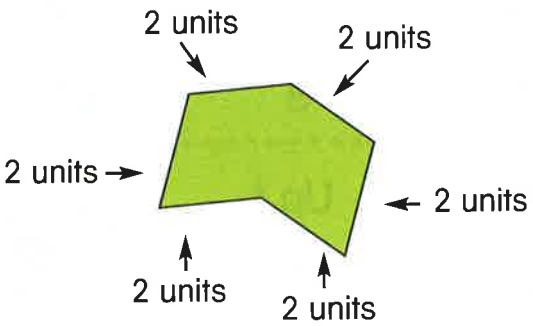
9 units





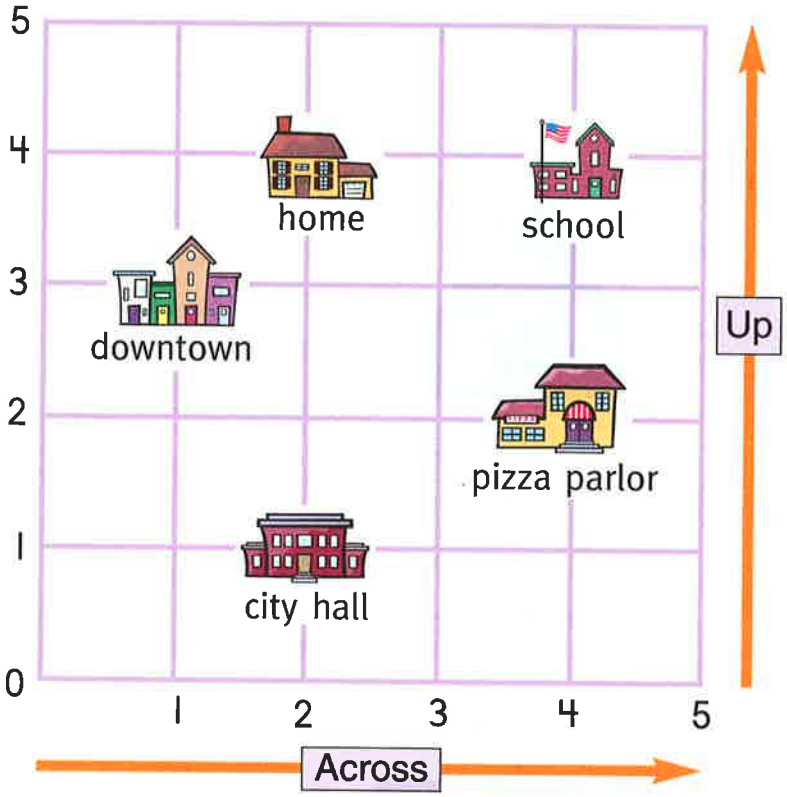






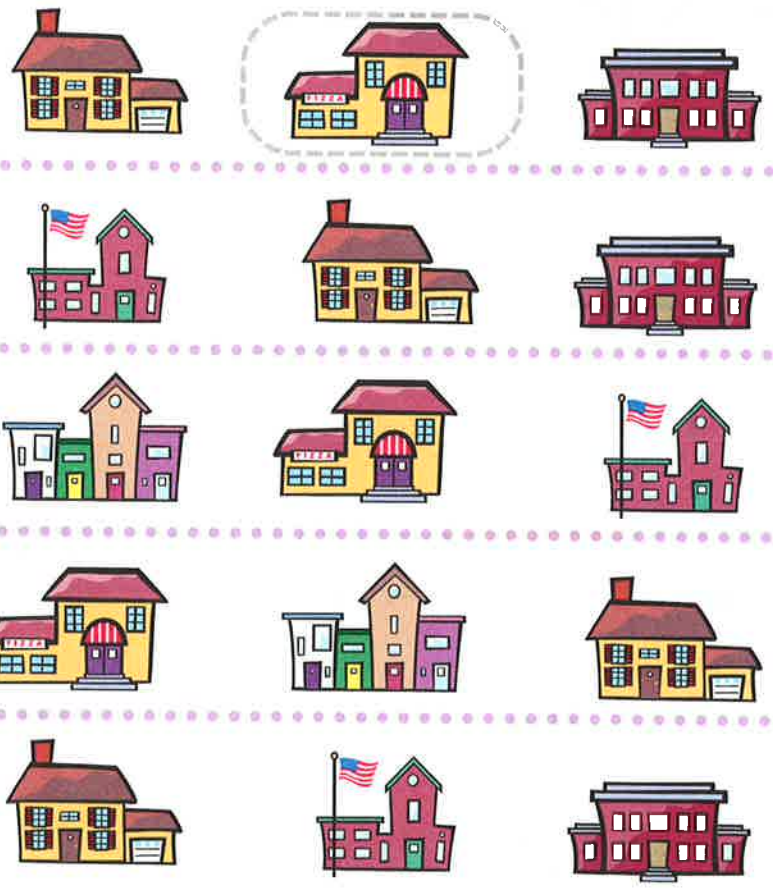
Use a Picture

To find places on a grid, always start at 0.
Count across →.
Then count up ↑.

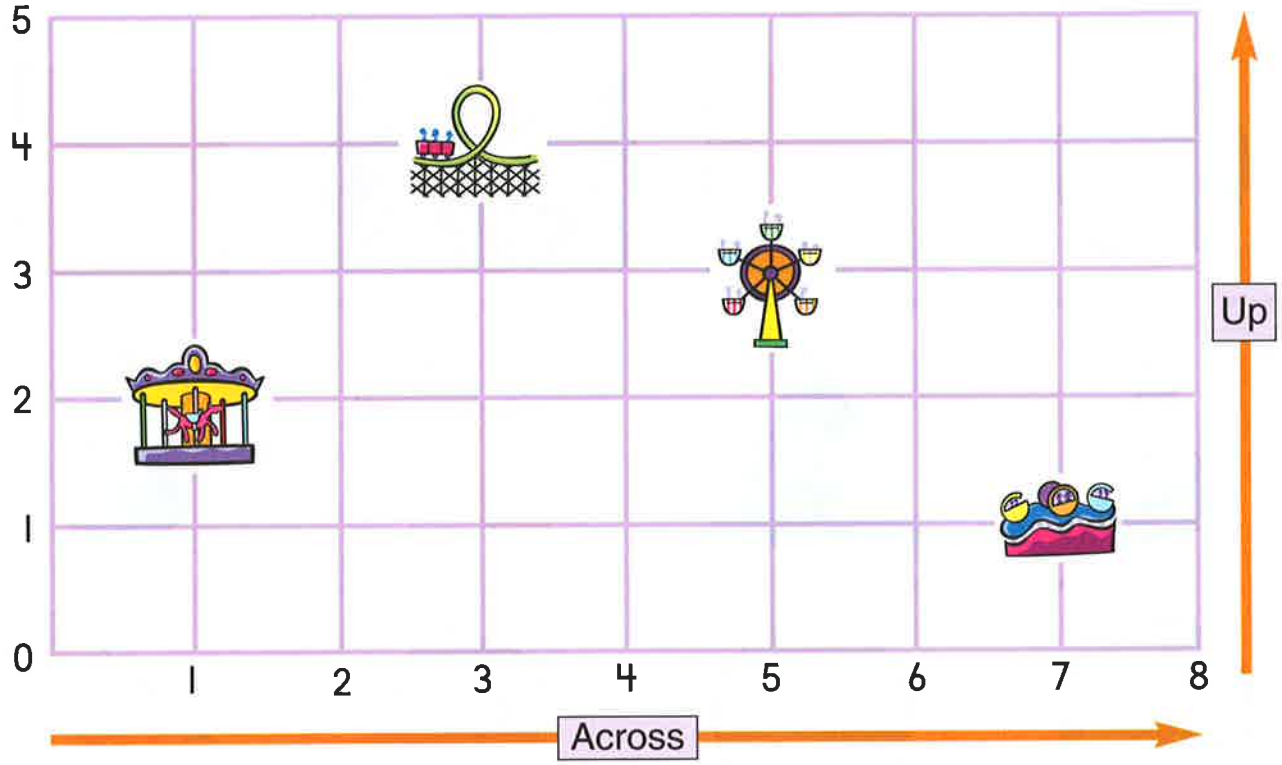


Follow the directions. Circle the place where you land.

Across →	Up ↑
4	2
2	1
1	3
2	4
4	4



Use a Picture



Write the directions to each place.

Across → 5 Up ↑ 3

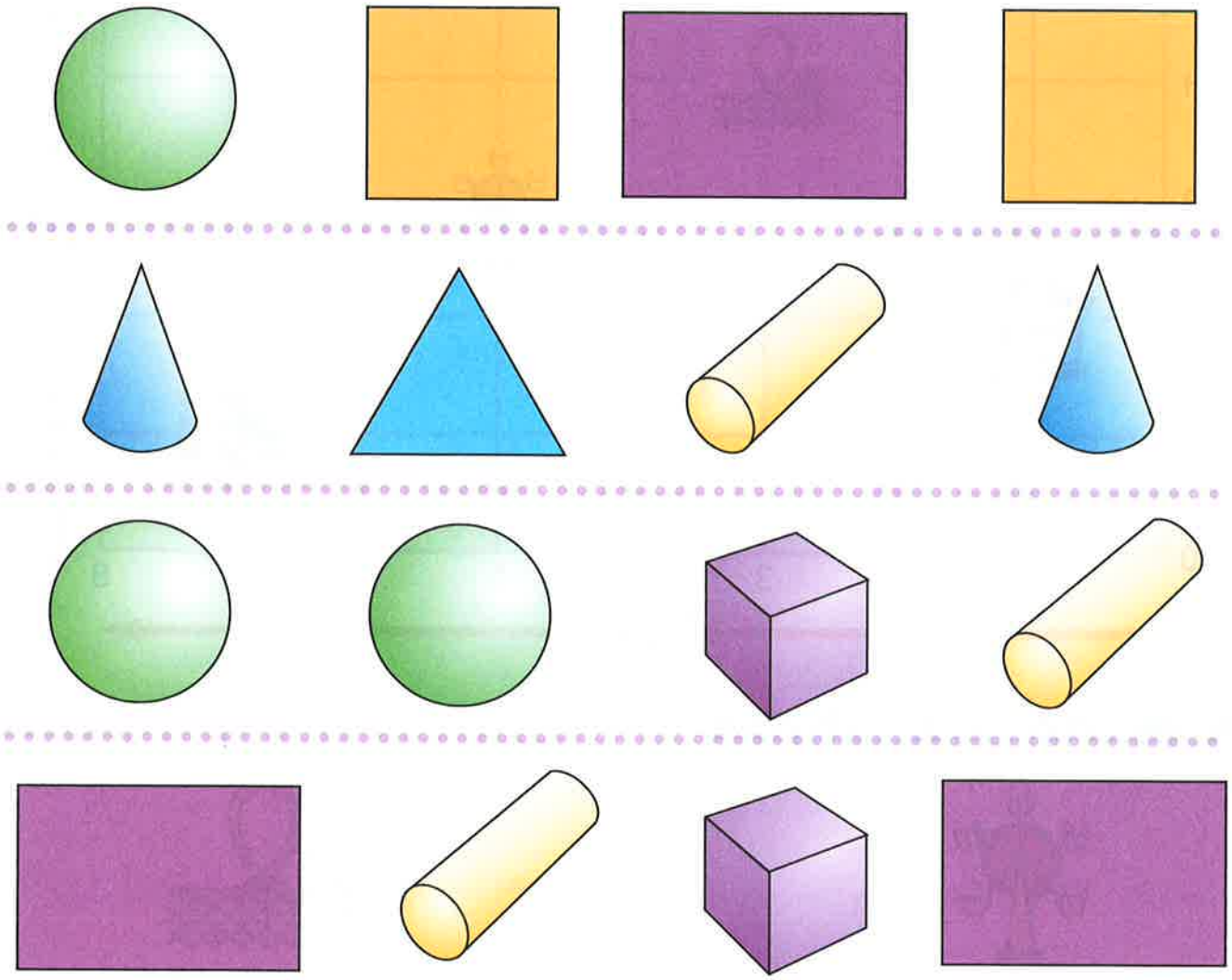
Across → _____ Up ↑ _____

Across → _____ Up ↑ _____

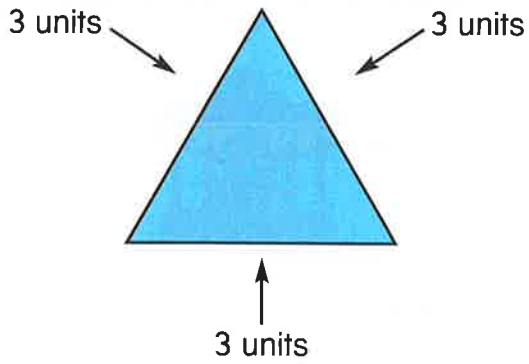
Across → _____ Up ↑ _____

Unit 6 Review

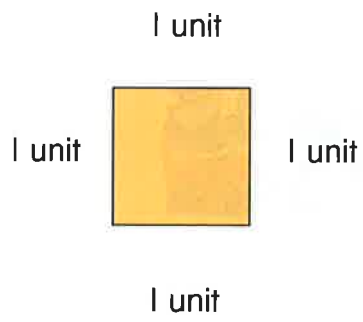
Circle the shapes that are the same in each row.



Count the units around each figure.

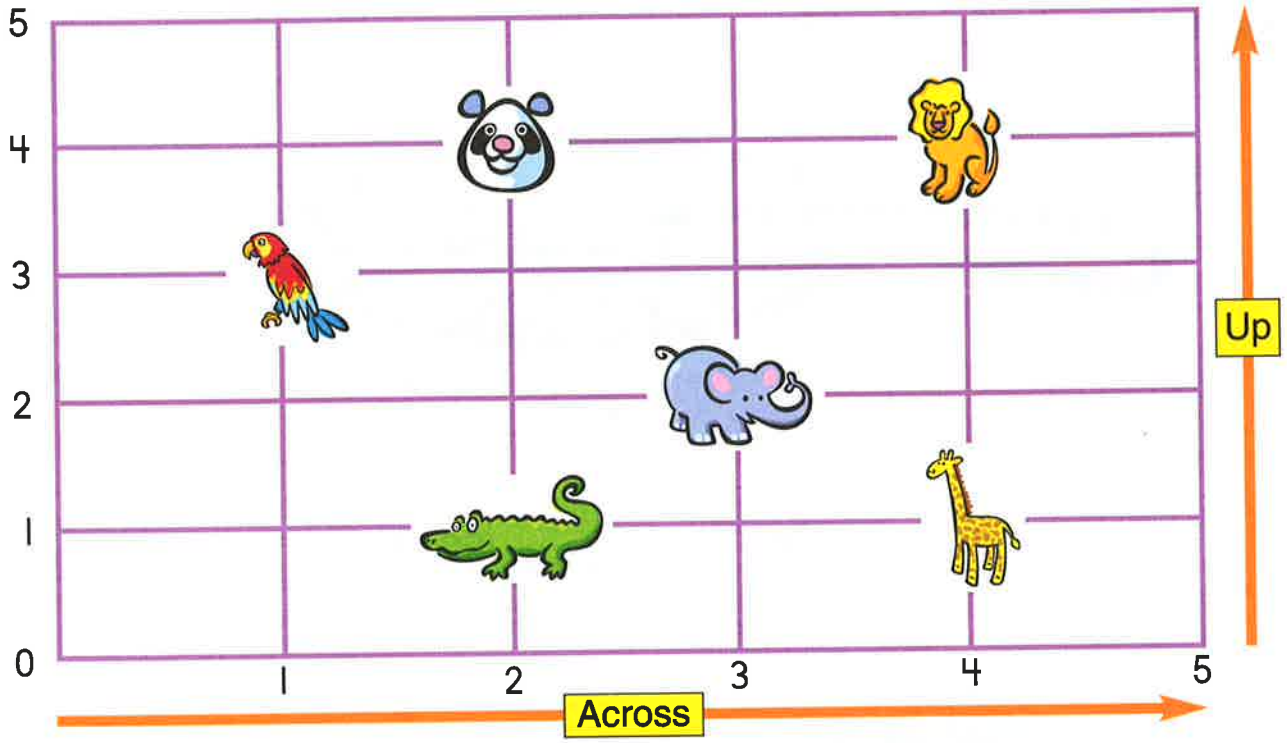


_____

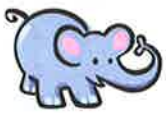
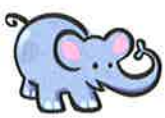


_____

Unit 6 Review

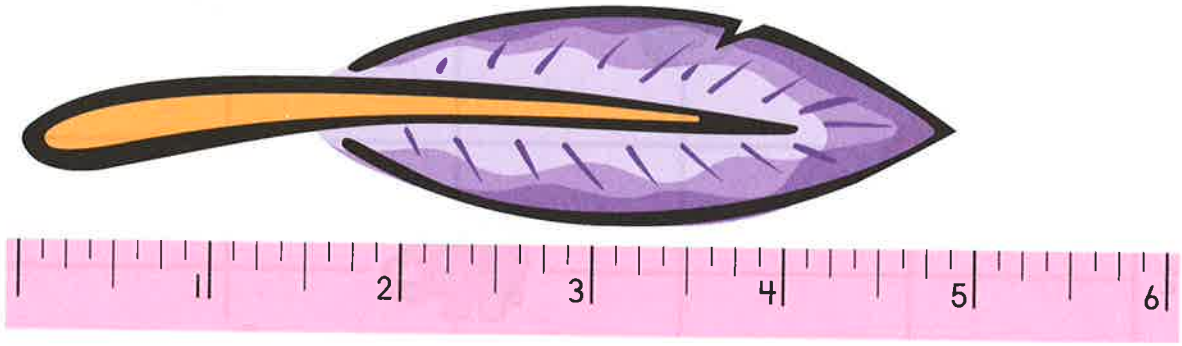


Follow the directions. Circle the animal you find.

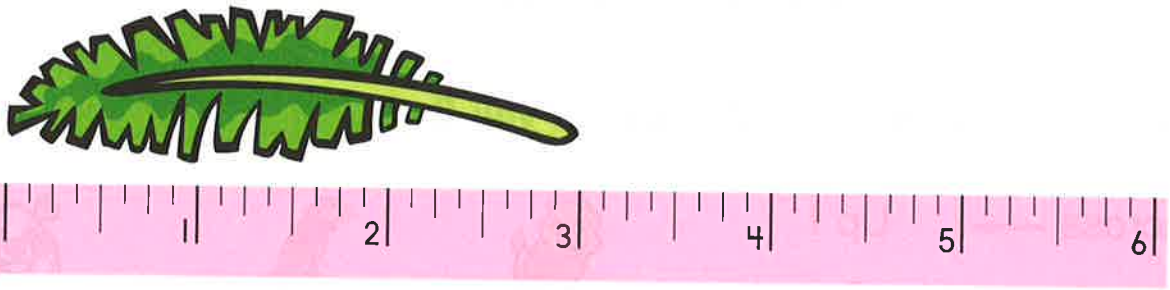
Across → 1	Up ↑ 3	  
Across → 3	Up ↑ 2	  
Across → 4	Up ↑ 4	  
Across → 4	Up ↑ 1	  
Across → 2	Up ↑ 4	  

Measuring Inches

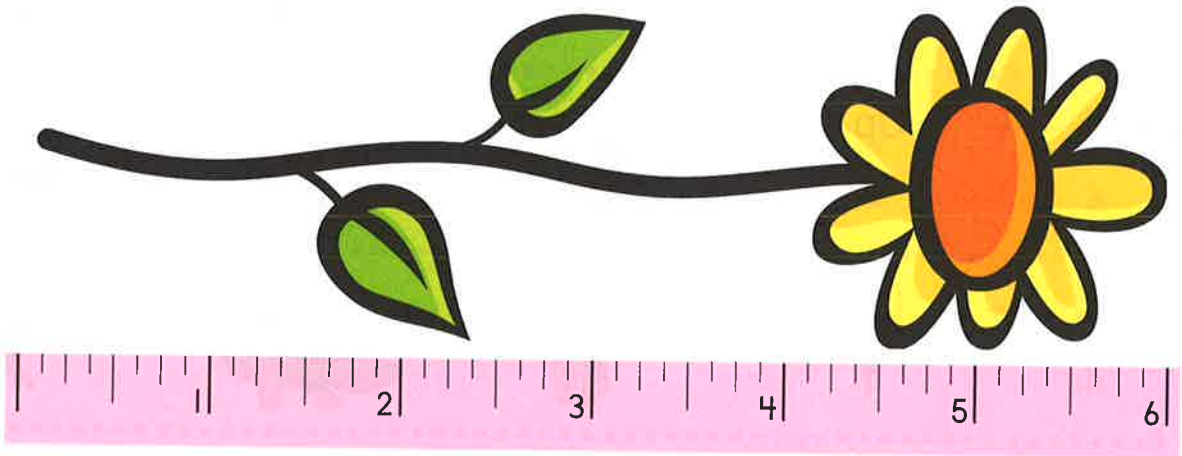
Write the length of each object.



about 5 inches



about _____ inches

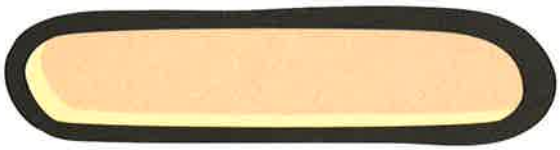


about _____ inches

Measuring Inches

Use an inch ruler to measure.

about 6 inches



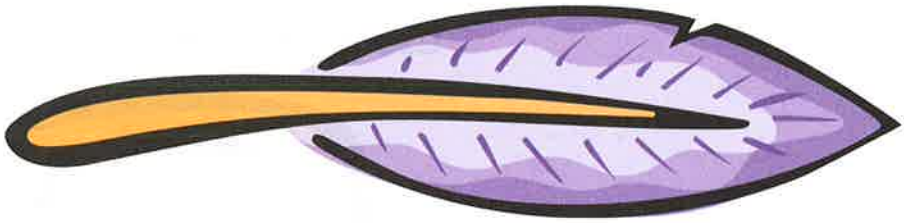
about _____ inches

about _____ inches

about _____ inches

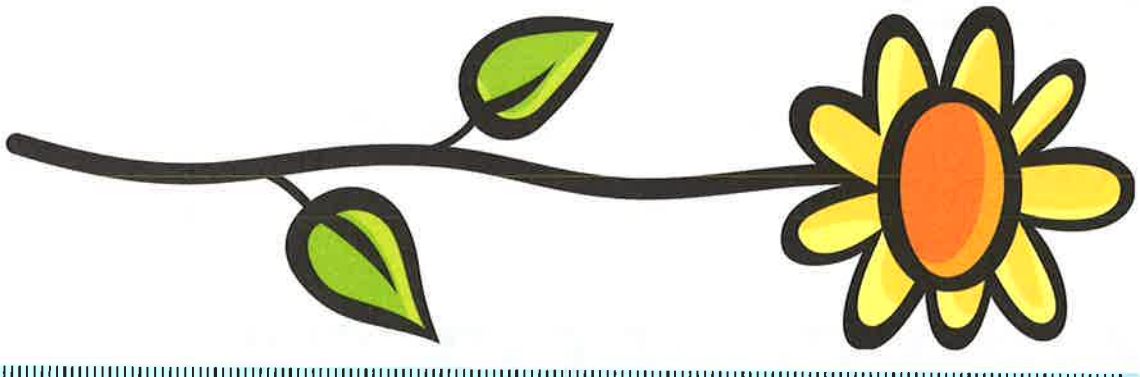
Measuring Centimeters

Write the length of each object.



about 12 centimeters

about _____ centimeters



about _____ centimeters

Measuring Centimeters

Use a centimeter ruler to measure.

about 15 centimeters

about _____ centimeters

about _____ centimeters

about _____ centimeters

Cups, Pints, and Quarts

1 cup

1 pint

1 quart

Circle how much each object can hold.

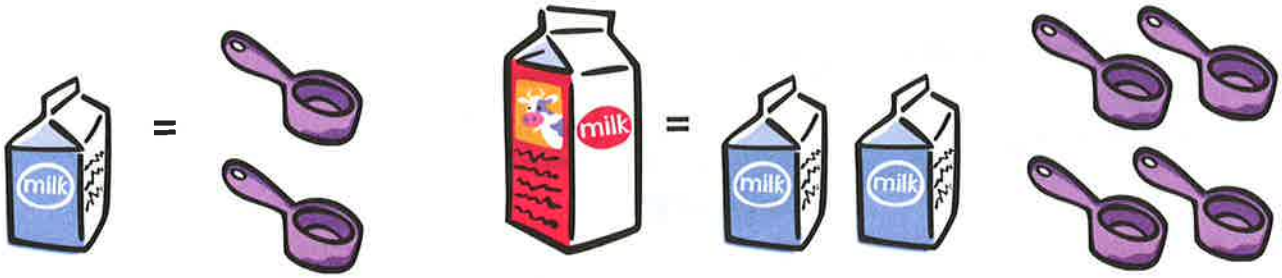
less than 1 pint more than 1 pint

less than 1 quart more than 1 quart

less than 1 cup more than 1 cup

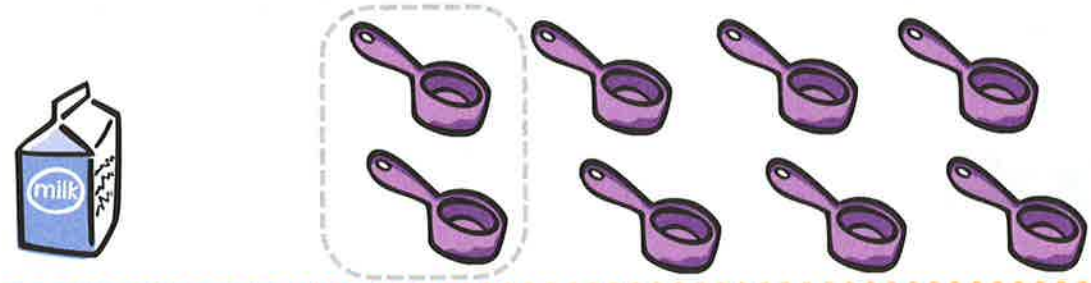
less than 1 quart more than 1 quart

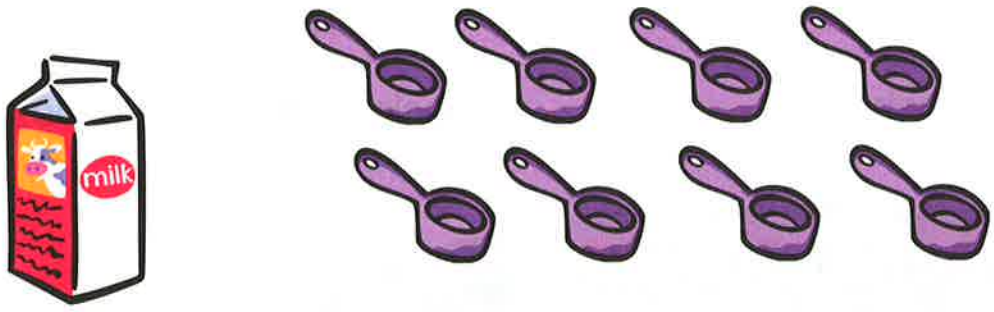
Cups, Pints, and Quarts

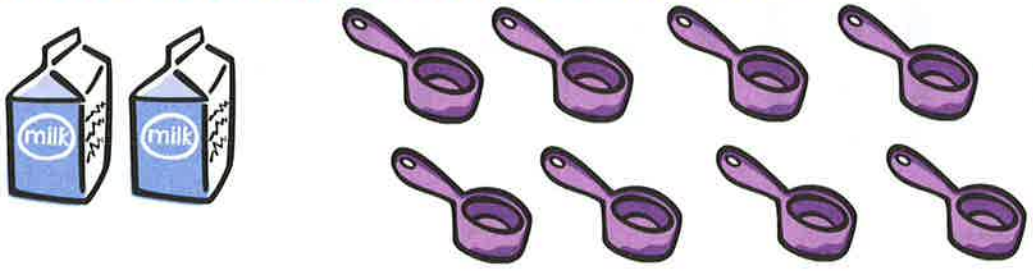


1 pint fills 2 cups. 1 quart fills 2 pints or 4 cups.

Circle how much each object can fill.

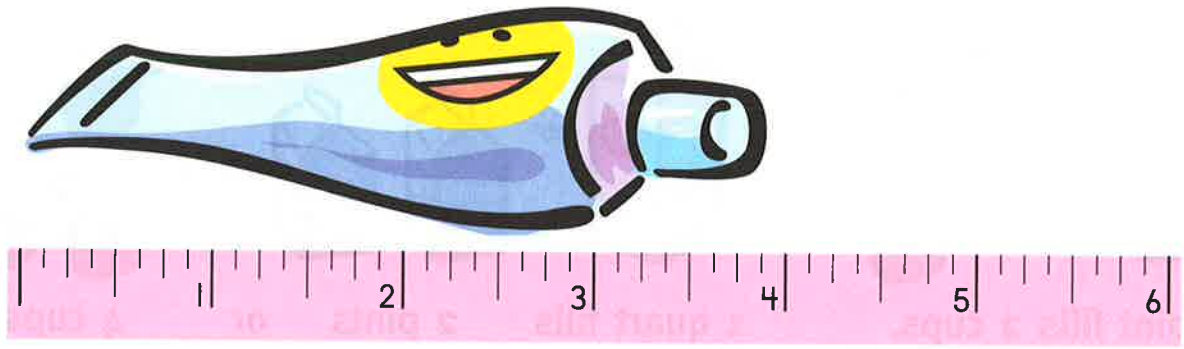






Guess and Check

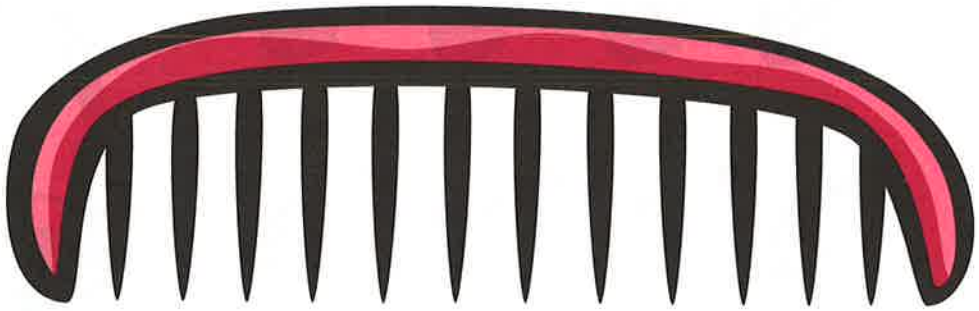
Guess the length. Then measure to check.



guess: about 4 inches check: about 4 inches

guess: about ____ inches check: about ____ inches

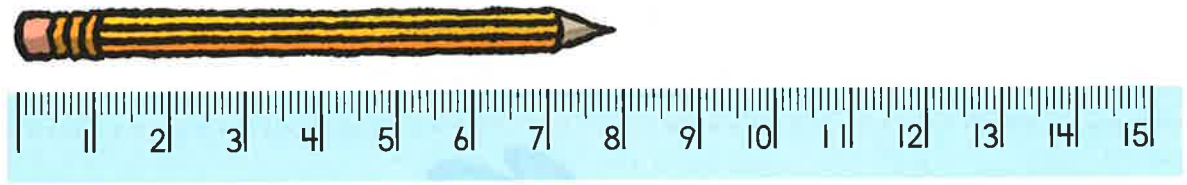
guess: about ____ inches check: about ____ inches



guess: about ____ inches check: about ____ inches

Guess and Check

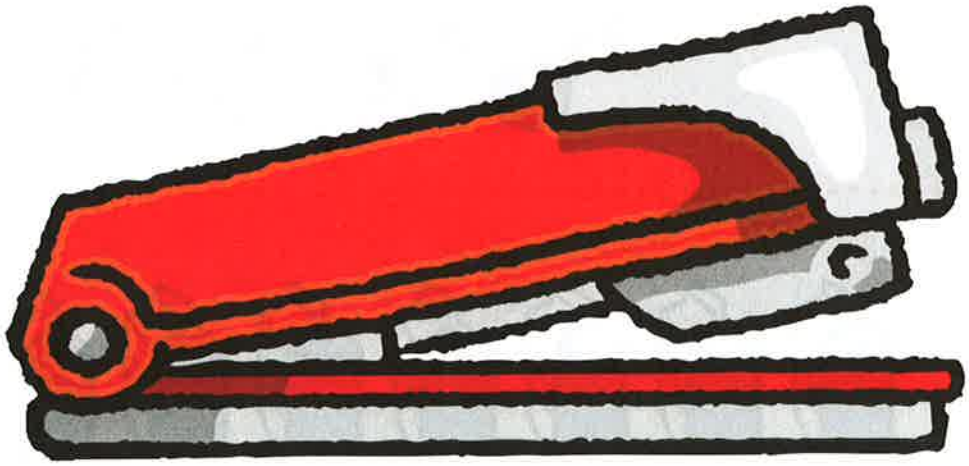
Guess the length. Then measure to check.



guess: about 8 centimeters check: about 8 centimeters

guess: about ____ centimeters check: about ____ centimeters

guess: about ____ centimeters check: about ____ centimeters



guess: about ____ centimeters check: about ____ centimeters

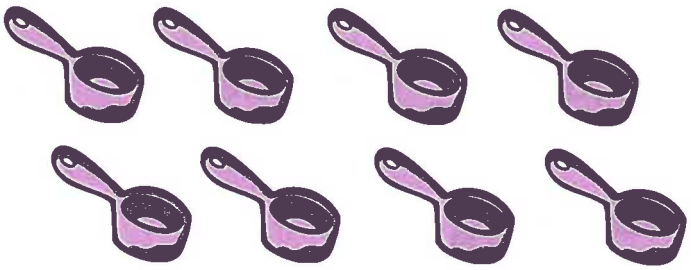
Unit 7 Review

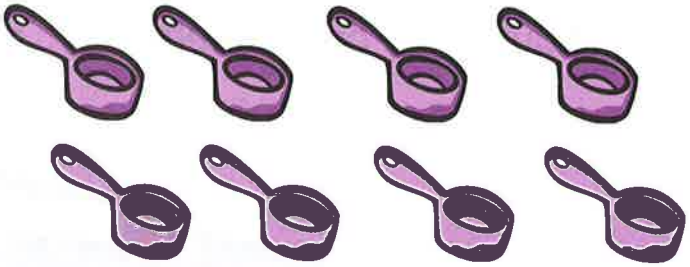
Measure the lengths.

about _____ inches

about _____ centimeters

Circle the containers you can fill with the first group in each row.





Unit 7 Review

Guess the length. Then measure to check.

guess: about ____ inches check: about ____ inches

guess: about ____ inches check: about ____ inches

guess: about ____ centimeters check: about ____ centimeters

Answer Key

Page 6

Students should draw lines between numbers and the groups of flowers.
27 matches the third set of flowers.
44 matches the fourth set of flowers.
19 matches the first set of flowers.
35 matches the second set of flowers.

Page 9

17	18	19	20	21
64	65	66	67	68
96	97	98	99	100
38	39	40	41	42

Page 10

15
21
42
53

Page 11

Tens	Ones		Tens	Ones	
0	8	= 8	3	1	= 31
6	6	= 66	4	9	= 49
7	0	= 70	8	2	= 82

Page 12

Hundreds	Tens	Ones
2	3	6
3	1	4
2	4	8
3	2	0
1	8	4

Page 13

Hundreds	Tens	Ones	
3	5	9	= 359
5	1	3	= 513
4	6	0	= 460
2	9	8	= 298

Page 14

139	140	141	142	143
98	99	100	101	102
116	117	118	119	120
146	147	148	149	150

Page 16

136 matches the second model.
18 matches the third model.
205 matches the fourth model.
452 matches the first model.

Page 17

14 < 16 19 > 2
33 < 57 28 > 25
40 > 39 36 > 26

Page 18

43	30
89	147
176	30
13	71
10	114

Page 19

seventh; 7th
first; 1st
third; 3rd
fifth; 5th
sixth; 6th

fourth; 4th
ninth; 9th
tenth; 10th
second; 2nd
eighth; 8th

Page 20

thirteenth; 13th
eleventh; 11th
twelfth; 12th
sixteenth; 16th
fifteenth; 15th

seventeenth; 17th
twentieth; 20th
eighteenth; 18th
nineteenth; 19th
fourteenth; 14th

Page 21

5	10	15
10	20	30
5¢	10¢	15¢	20¢	25¢	30¢
---	---	---	---	---	---
10¢	20¢	30¢	40¢	50¢	60¢
35	40	45	50	55	60
50	60	70	80	90	100

Page 22

2	4	6			
10	12	14	16	18	20
8	10	12	14	16	18
66	68	70	72	74	76
34	36	38	40	42	44
100	102	104	106	108	110
20	22	24	26	28	30

Page 23

odd	even
even	odd
odd	odd
even	even

Page 24

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Page 25

15	20	25	30	35	40
132	134	136	138	140	142
18	19	18	19	18	19
60	70	80	90	100	110
16	18	20	22	24	26
295	296	297	298	299	300
23	33	43	53	63	73
40	42	44	46	48	50

Page 26

36	37	38	39	40	41	42	43
71	72	73	74	75	76	77	78
113	114	115	116	117	118	119	120
185	186	187	188	189	190	191	192

47 > 43 28 < 29
92 150
odd even

Page 27

65 matches the second model.
123 matches the third model.
48 matches the first model.

6	8	10	12	14	16
25	30	35	40	45	50
60	70	80	90	100	110
116	118	120	122	124	126

Page 28

9
7
5
10

Page 29

4 + 5 = 9
7 + 1 = 8
3 + 4 = 7
3 + 2 = 5
1 + 9 = 10

Answer Key

Page 30

13
11
15
18

Page 31

9 + 8 = 17
7 + 9 = 16
7 + 5 = 12
6 + 7 = 13
5 + 9 = 14

Page 32

1 + 0 = 1
3 + 0 = 3
5 + 0 = 5
7 + 0 = 7
9 + 0 = 9
0 + 2 = 2
0 + 4 = 4
0 + 6 = 6
0 + 8 = 8
10 + 0 = 10

Page 33

2 + 2 = 4
5 + 5 = 10
9 + 9 = 18
4 + 4 = 8
7 + 7 = 14

Page 34

9 9
10 10
7 7
8 8

Page 35

3 + 6 = 9
1 + 9 = 10
2 + 4 = 6
6 + 0 = 6
5 + 5 = 10
3 + 2 = 5

Page 36

27
38
59
48

Page 37

37
59
92
79

Page 38

87	79	23	57
56	85	99	54
92	93	38	94
89	79	48	89

Page 39

39	67	54	67
69	78	94	96
57	28	66	78
69	58	28	89
98	59	89	76
19	78	85	79

Page 40

Shading will show a rocket.

Page 41

356
279
428
597

Page 42

568	856	759	957
971	478	363	999
812	852	915	616

Page 43

0 tens 12 ones = 1 ten 2 ones = 12
2 tens 14 ones = 3 tens 4 ones = 34
1 ten 16 ones = 2 tens 6 ones = 26
4 tens 13 ones = 5 tens 3 ones = 53

Page 44

1 ten 13 ones = 23
2 tens 11 ones = 31
4 tens 10 ones = 50

Page 45

65	50	82	80
41	91	50	33
80	72	91	98

Page 46

63	66	80	42
71	65	50	75
84	70	90	25
81	31	62	30

Page 47

83	72	20	73	64
66	91	54	60	65
52	30	94	90	75
71	82	83	41	90

Page 48

71	82	51	80	73
72	82	72	53	72
72	41	72	42	62
72	72	72	43	72
72	61	72	81	72
72	82	72	82	72

Shading will show the word **Hi**.

Page 49

10 + 30 = 40
40 + 10 = 50
20 + 30 = 50
10 + 10 = 20
60 + 20 = 80
10 + 50 = 60
50 + 30 = 80

Page 50

8	9
16	14
10	18
16	12
19	66
39	58
566	661
21	73
75	58

94	69
58	97
937	499
47	61
94	83

Page 51

4 + 19 = 23
2 + 48 = 50
40 + 20 = 60
5 + 23 = 28
3 + 71 = 74
30 + 50 = 80

Page 52

7
5
9
3
8

Page 53

4
1
6
2

Page 54

13
17
11
10
16

Page 55

12
9
14
11
15

Page 56

9 – 9 = 0
12 – 12 = 0
5 – 5 = 0
17 – 17 = 0
10 – 10 = 0

Page 57

11 – 0 = 11
18 – 0 = 18
3 – 0 = 3
5 – 0 = 5
14 – 0 = 14

Page 58

5 – 2 = 3
9 – 7 = 2
3 – 1 = 2
10 – 4 = 6
5 – 3 = 2
9 – 2 = 7
3 – 2 = 1
10 – 6 = 4

Page 59

6 + 2 = 8
2 + 6 = 8
8 – 6 = 2
8 – 2 = 6
5 + 3 = 8
3 + 5 = 8
8 – 5 = 3
8 – 3 = 5

5 + 4 = 9
4 + 5 = 9
9 – 5 = 4
9 – 4 = 5
6 + 3 = 9
3 + 6 = 9
9 – 6 = 3
9 – 3 = 6

Page 60

9 – 2 = 7
3 + 5 = 8
14 – 10 = 4
7 – 6 = 1
2 + 8 = 10

Page 61

4 + 3 = 7
12 – 4 = 8
6 + 3 = 9
11 – 6 = 5
13 – 9 = 4

Page 62

21
34
51
43
83

Page 63

15
22
23
17
21

Page 64

12
22
41
31
22

Page 65

71	15	32	1
53	17	20	44
23	11	43	10
31	33	99	12

Page 66

32	4	0	3
49	72	32	12
64	1	30	29
64	18	0	80
52	29	81	32
13	18	63	30

Page 67

Shading will show a house.

Page 68

412	209	641	510
714	180	999	223
510	392	347	510
933	886	437	132

Page 69

2 tens 3 ones = 1 ten 13 ones; 15
4 tens 1 one = 3 tens 11 ones; 35
3 tens 6 ones = 2 tens 16 ones; 27
5 tens 0 ones = 4 tens 10 ones; 43

Page 70

3 tens 5 ones = 2 tens 15 ones; 18
2 tens 1 one = 1 ten 11 ones; 7
4 tens 3 ones = 3 tens 13 ones; 14
6 tens 0 ones = 5 tens 10 ones; 23

Page 71

39	13	58	19
25	26	3	67
4	5	39	6

Page 72

26	18	37	25
44	47	47	48
37	38	15	68
17	26	4	39
49	5	38	15

Page 73

12	54	43	43
8	8	51	17
54	12	17	51
65	19	4	16
19	65	66	4
7	7	16	66

Answer Key

Page 74

29	75	18	29
86	3	2	43
38	37	9	13
9	78	31	19
19	6	8	59
17	19	13	9

Page 75

8 + 4 = 12
10 – 3 = 7
6 + 4 = 10
9 + 2 = 11
12 – 9 = 3

Page 76

0 9
6 8

5 + 4 = 9
4 + 5 = 9
9 – 5 = 4
9 – 4 = 5

7 + 3 = 10
3 + 7 = 10
10 – 7 = 3
10 – 3 = 7

15	22	13	27
330	431	334	71
9	6	8	5
29	34		

Page 77

9 + 3 = 12
14 – 7 = 7
8 – 3 = 5
5 + 5 = 10

Page 78

5¢
12¢
17¢
15¢

Page 79

8¢
10¢
13¢
15¢
17¢

Page 80

16¢
15¢
20¢
24¢
27¢

Page 81

13¢ 17¢
26¢ 31¢
48¢ 45¢

Page 82

41¢
35¢
50¢
59¢
96¢

Page 83

32¢ matches the second set of coins.
56¢ matches the third set of coins.
65¢ matches the first set of coins.
45¢ matches the fourth set of coins.
28¢ matches the last set of coins.
70¢ matches the fifth set of coins.

Page 84

Possible answers are given.
1 dime, 1 nickel, 4 pennies
or 3 nickels, 4 pennies

1 quarter, 3 pennies
or 2 dimes, 1 nickel, 3 pennies

2 quarters, 1 dime, 2 pennies
or 6 dimes, 2 pennies

2 quarters, 4 dimes, 1 nickel,
2 penniesor 9 dimes, 1 nickel,
2 pennies

Page 85

Students should draw lines between equal amounts of money.
1 nickel matches 5 pennies.
1 dime matches 2 nickels.
1 quarter matches 2 dimes and 1 nickel.
1 nickel and 2 pennies match 7 pennies.
2 quarters match 5 dimes.
1 quarter and 1 dime match 3 dimes and 1 nickel.

Page 86

1 nickel or 5 pennies
1 dime or 2 nickels
or 10 pennies
1 quarter or 5 nickels or 25 pennies
5 dimes or 10 nickels or 50 pennies
4 quarters or 10 dimes or
100 pennies

Page 87

Students should circle the coins.
Possible answers are given.
35¢: Circle 1 quarter and 1 dime.
49¢: Circle 1 quarter, 2 dimes, and 4 pennies.
17¢: Circle 1 dime, 1 nickel, and 2 pennies.
89¢: Circle 3 quarters, 1 dime, and 4 pennies.

Page 88

60¢; 2 quarters, 1 dime
50¢; 2 quarters
75¢; 3 quarters
65¢; 2 quarters, 1 dime, 1 nickel

Page 89

3¢
10¢
20¢
15¢

Page 90

20¢
3¢
2¢
8¢

Page 91

22¢ 15¢
5¢ 21¢
10¢ 20¢

Page 92

28¢
67¢
1 nickel or 5 pennies
1 dime or 2 nickels or 10 pennies
50¢; Students should draw 2 quarters.

Page 93

Possible answers are given.
1 dime, 1 nickel, 1 penny
or 1 dime, 6 pennies

2 quarters, 1 dime, 1 nickel
or 6 dimes, 1 nickel

4¢
8¢

Page 94

4:00; 4	10:00; 10	6:00; 6
3:00; 3	8:00; 8	5:00; 5
7:00; 7	12:00; 12	2:00; 2

Page 95

9:30	3:30	11:30
7:30	10:30	1:30
2:30	8:30	6:30
4:30	12:30	5:30

Page 96

2:15	8:45	1:45
5:15	7:45	11:15
12:45	6:15	4:15
9:45	10:15	3:45

Page 97

7:15	11:45
1:45	8:15
3:15	10:45
5:45	9:15

Page 98

Clocks should show the following times:
7:00
9:00
6:15
8:00

Page 99

10:05; 5 minutes after 10
1:25; 25 minutes after 1
7:55; 55 minutes after 7
10:15; 15 minutes after 10
9:40; 40 minutes after 9
11:10; 10 minutes after 11

Page 100

6:30	12:40
5:15	9:05
2:20	11:50
1:35	8:00

Page 101

5:45 matches the third clock.
2:30 matches the fourth clock.
12:05 matches the last clock.
9:15 matches the first clock.
3:10 matches the second clock.

Page 103

2nd; 1st; 3rd
2nd; 3rd; 1st
2nd; 3rd; 1st
2nd; 1st; 3rd

Page 104

5:00	9:00	12:00
10:30	2:30	7:30
3:15	8:45	11:15
2:25	6:40	10:05

Page 105

10:00
2:00
1:15
7:45

Page 106

cubes–die
pyramids–ancient pyramid
spheres–Earth
cones–traffic cone
cylinders–trash can

Page 107

triangle—warning sign
circle—bullseye
square—cd case
rectangle—beware sign

Page 108

square; 4
triangle; 3
rectangle; 4
circle; 0
rectangle; 4
triangle; 3
square; 4

Page 111

9 units 4 units
6 units 3 units
5 units 12 units

Page 112

Students should circle each map location.
pizza parlor
city hall
downtown
home
school

Page 113

Across	Up
5	3
3	4
7	1
1	2

Page 114

squares
cones
spheres
rectangles
9 units
4 units

Page 115

parrot
elephant
lion
giraffe
panda

Page 116

5 in., 3 in., 6 in.

Page 117

6 in., 3 in., 2 in., 5 in.

Page 118

12 cm, 8 cm, 15 cm

Page 119

15 cm
7 cm
5 cm
13 cm

Page 120

more than 1 pint
less than 1 quart
less than 1 cup
more than 1 quart
more than 1 pint

Page 121

2 cups, 2 pints, 4 cups, 4 cups

Page 122

Guesses may vary.
4 in., 2 in., 3 in., 5 in.

Page 123

Guesses may vary.
8 cm, 13 cm, 3 cm, 14 cm

Page 124

5 in.
10 cm
4 cups
4 cups
4 pints

Page 125

Guesses may vary.
1 in.
6 in.
7 cm

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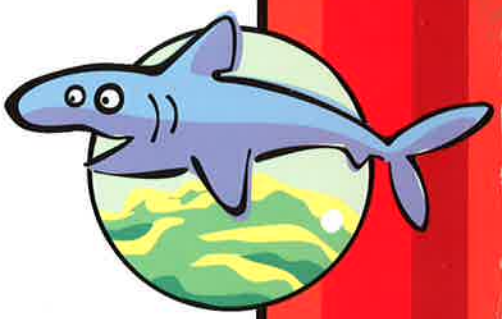

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