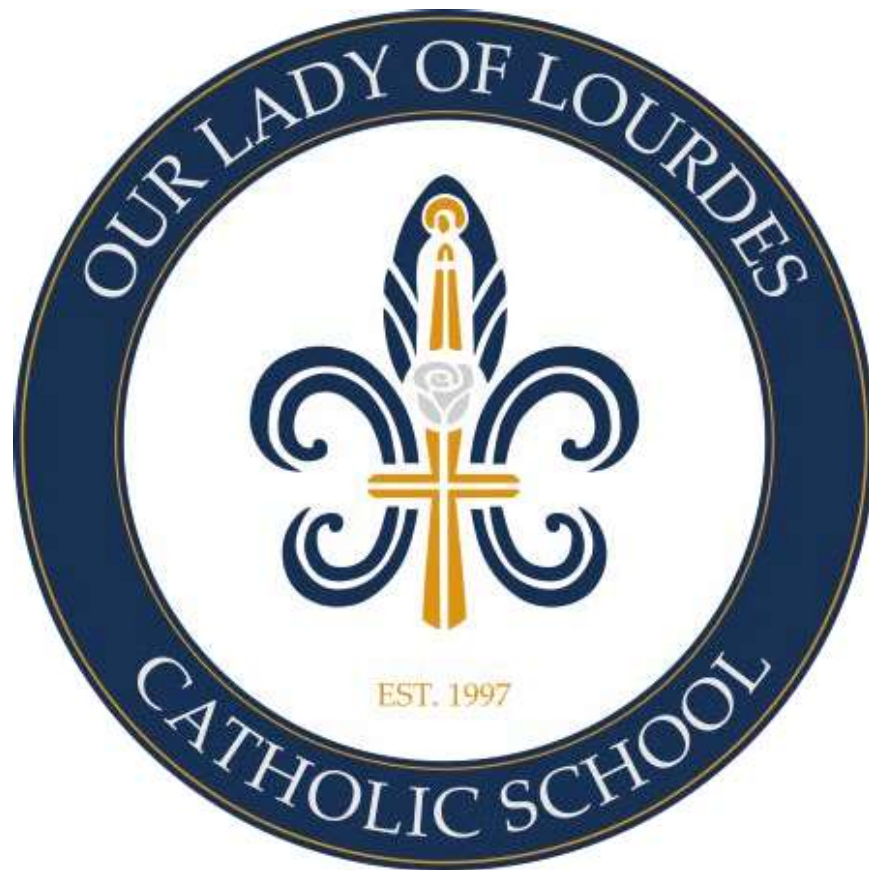


Summer Math Packet

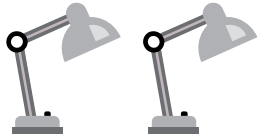
At-home Summer Practice



1st Grade

1 Modeling addition

Write the total.



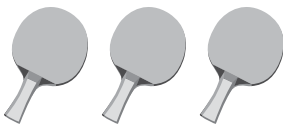
2

and



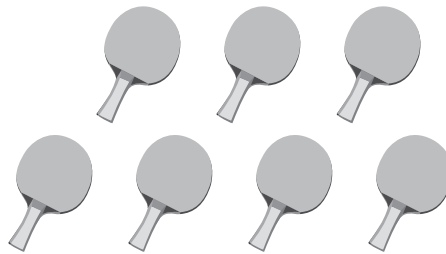
6

is



3

and



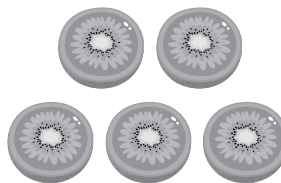
7

is



4

and



5

is

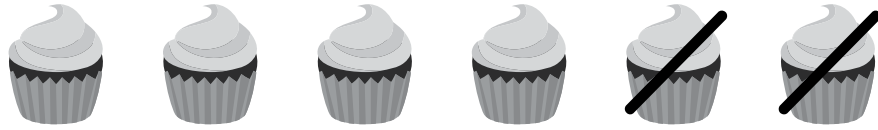
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skill ID
VKN

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and enter this code in the search bar.

2

Modeling subtraction

Write the number of objects left.



6 take away 2 is _____



5 take away 4 is _____



8 take away 3 is _____



7 take away 3 is _____

3

Addition and subtraction

Add or subtract.

$1 + 4 = \underline{\hspace{1cm}}$

$4 - 2 = \underline{\hspace{1cm}}$

$5 + 2 = \underline{\hspace{1cm}}$

$3 - 1 = \underline{\hspace{1cm}}$

$8 - 5 = \underline{\hspace{1cm}}$

$2 + 8 = \underline{\hspace{1cm}}$

$1 + 9 = \underline{\hspace{1cm}}$

$10 - 6 = \underline{\hspace{1cm}}$

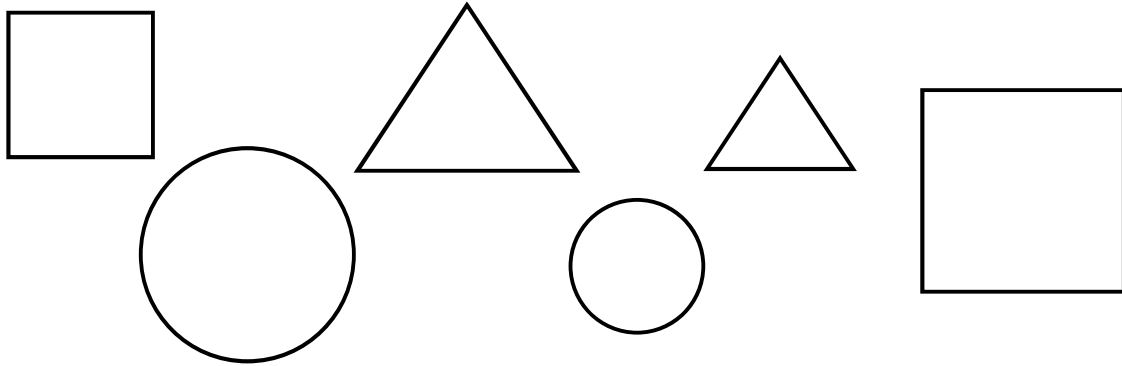
$7 - 2 = \underline{\hspace{1cm}}$

$3 + 6 = \underline{\hspace{1cm}}$

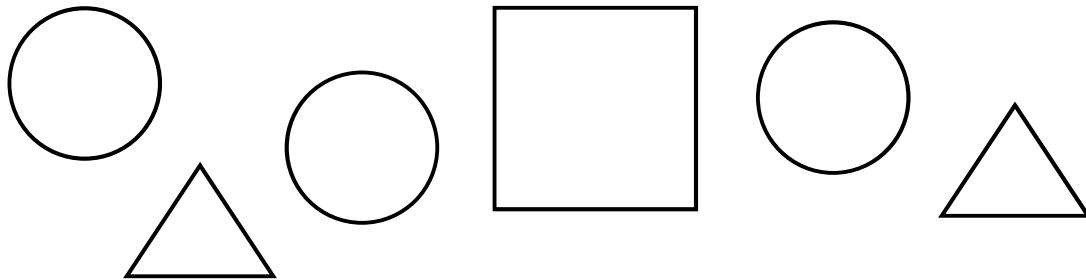
$9 - 4 = \underline{\hspace{1cm}}$

4 Shapes

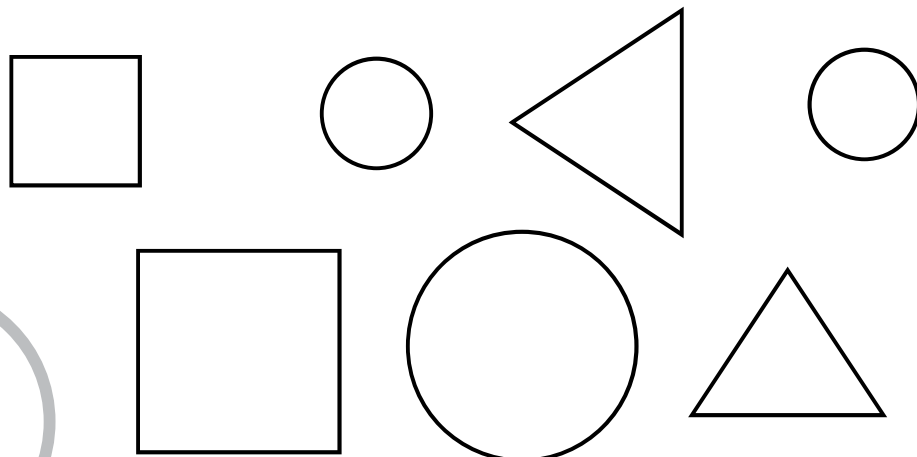
Color in the squares.



Color in the circles.

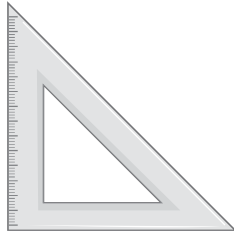
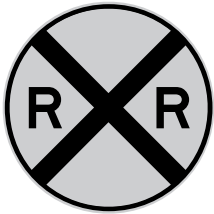
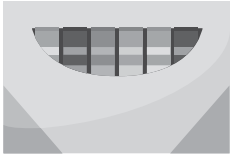


Color in the triangles.

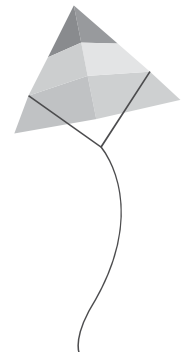
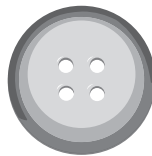
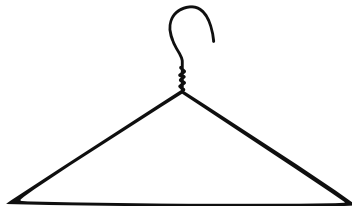
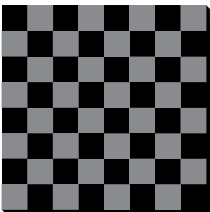


5 Shapes

Draw a ○ around the objects shaped like a rectangle.

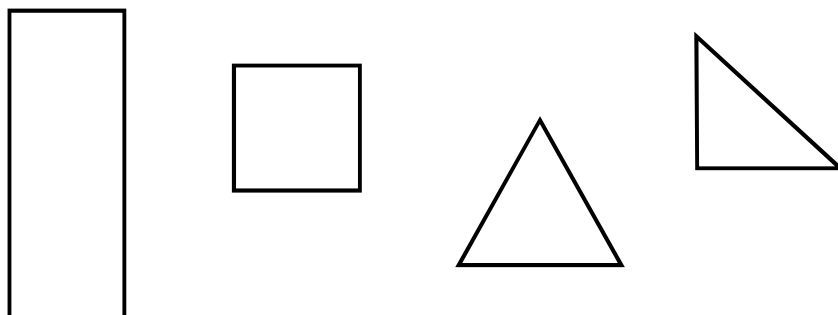
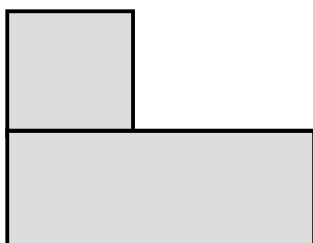
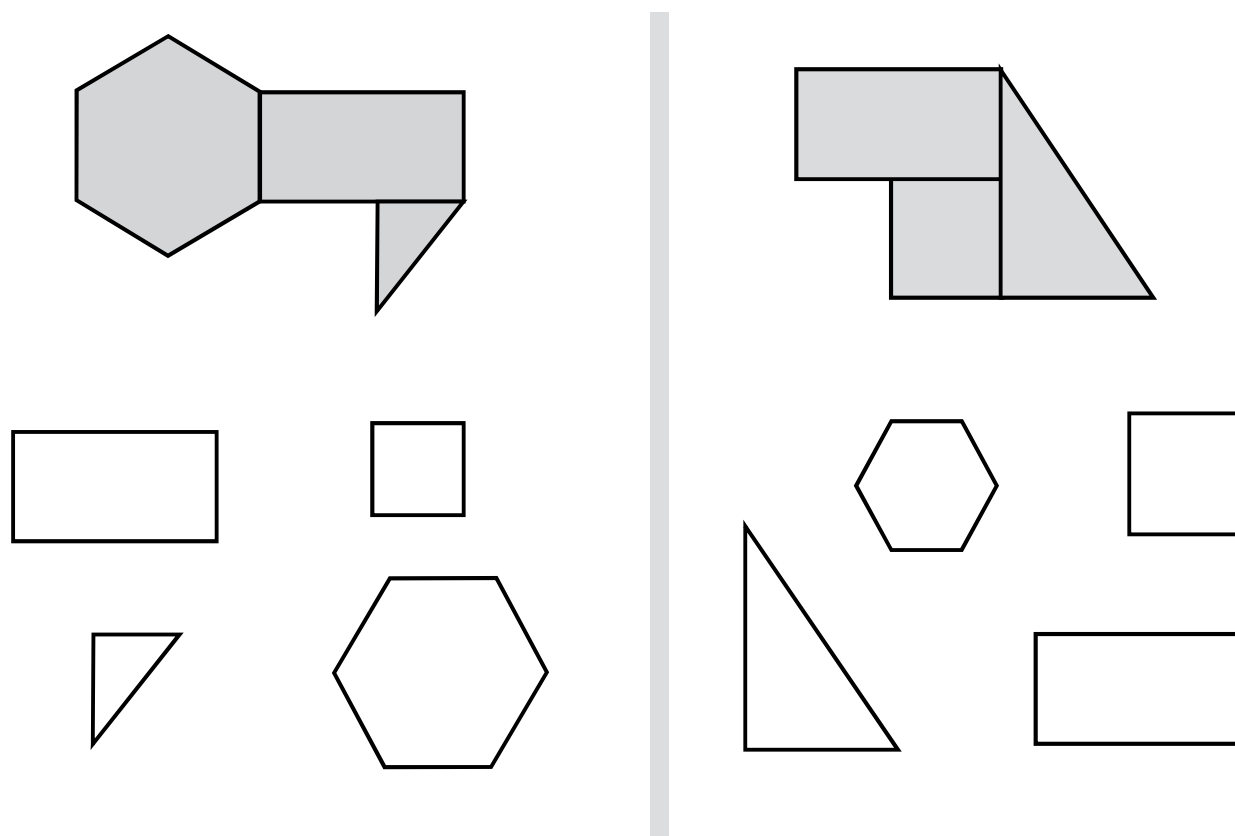


Draw a ○ around the objects shaped like a square.



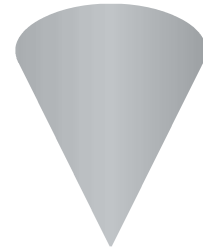
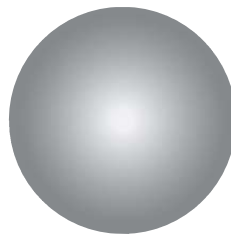
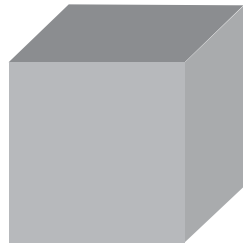
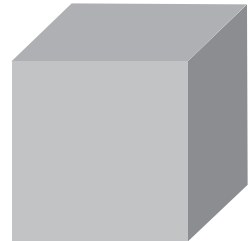
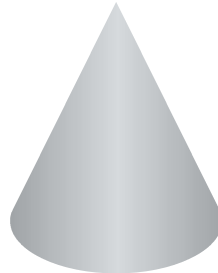
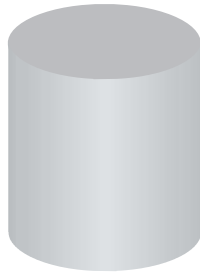
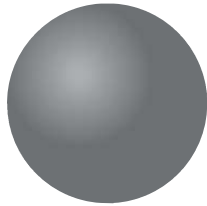
6 Composite shapes

Circle the shapes that make up the bigger shapes.

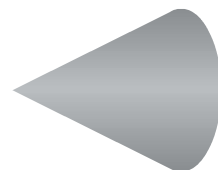
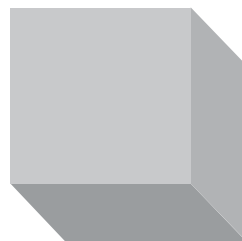
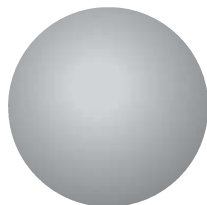
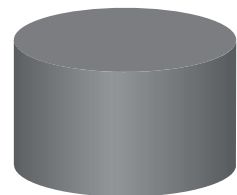
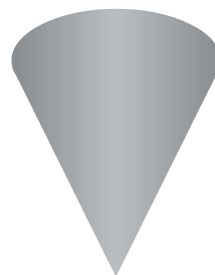
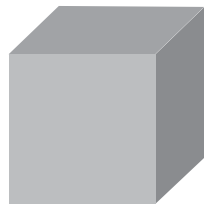
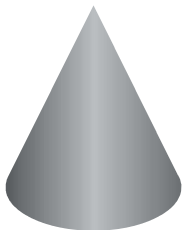


7 Three-dimensional shapes

Draw a ○ around the cubes.



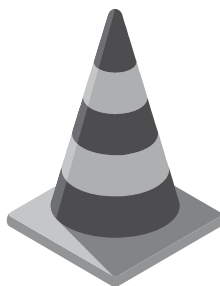
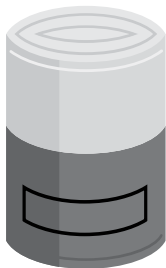
Draw a ○ around the cones.



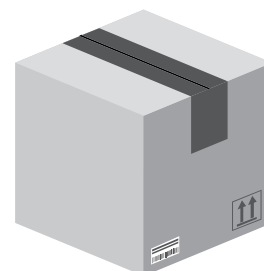
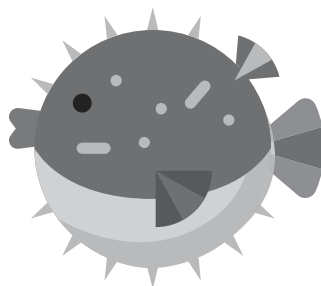
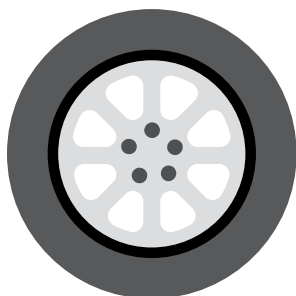
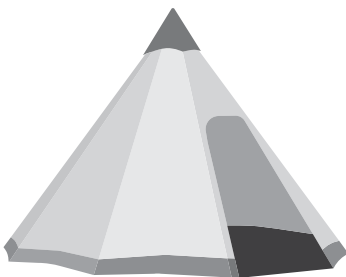
8

Three-dimensional shapes

Draw a ○ around the objects shaped like a cylinder.



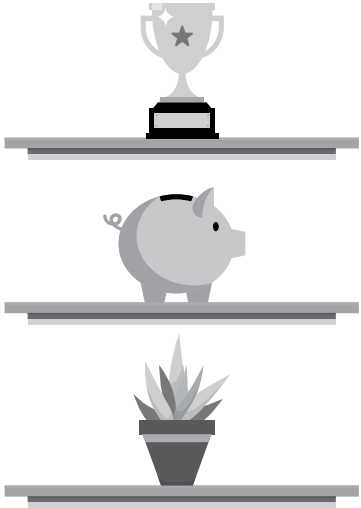
Draw a ○ around the objects shaped like a cube.



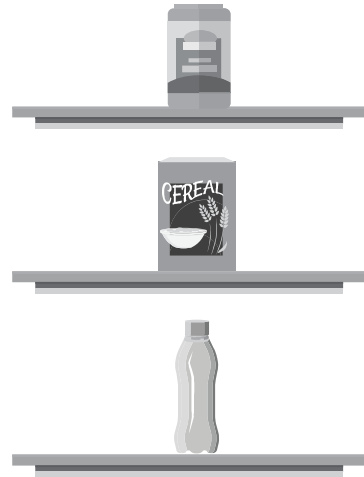
9

Above and below

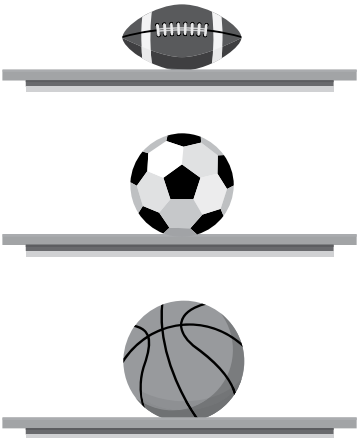
Draw a ○ around the item that is above the .



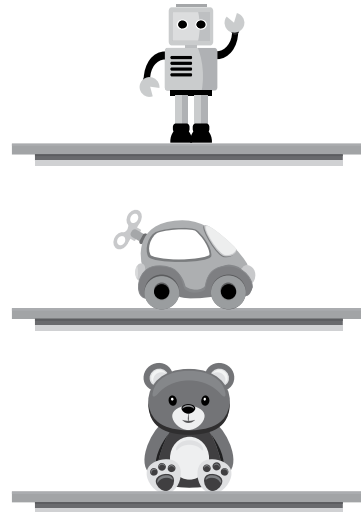
Draw a ○ around the item that is below the .



Draw a ○ around the item that is below the .

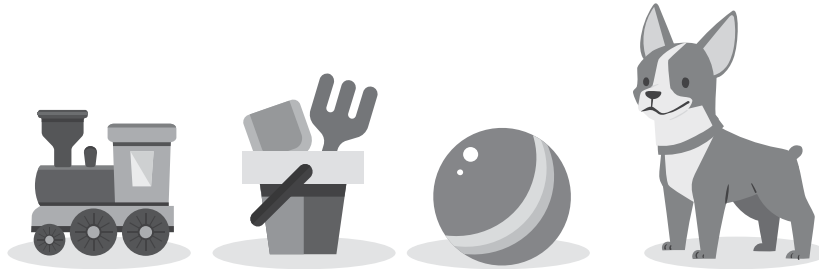


Draw a ○ around the item that is above the .

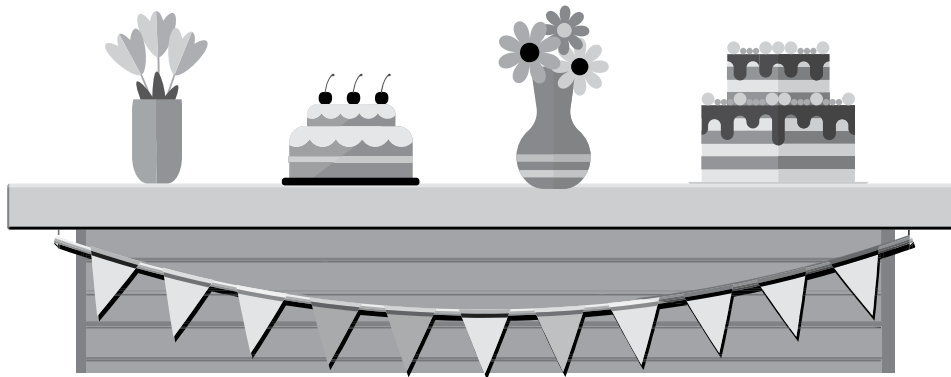


10 Next to and beside

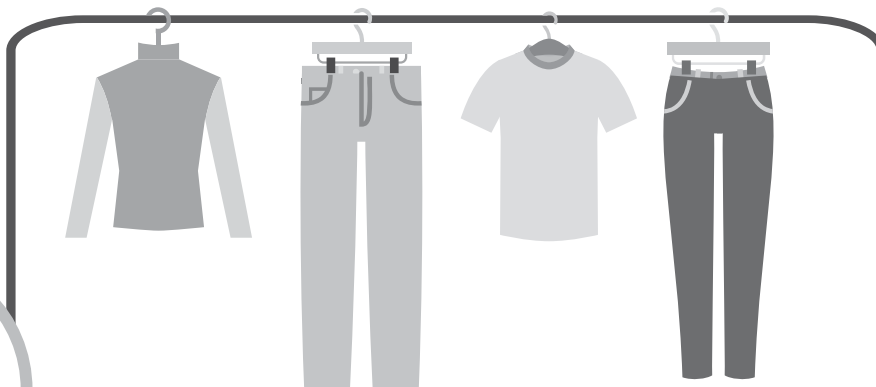
Draw a ○ around the object that is next to the .



Draw a ○ around the object that is beside the .



Draw a ○ around the object that is next to the .



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Answer key

2 and 6 is

3 and 7 is

4 and 5 is

6 take away 2 is 4

5 take away 4 is 1

8 take away 3 is 5

7 take away 3 is 4

1 + 4 = <u>5</u>	4 - 2 = <u>2</u>
5 + 2 = <u>7</u>	3 - 1 = <u>2</u>
8 - 5 = <u>3</u>	2 + 8 = <u>10</u>
1 + 9 = <u>10</u>	10 - 6 = <u>4</u>
7 - 2 = <u>5</u>	3 + 6 = <u>9</u>
	9 - 4 = <u>5</u>

The image displays a collection of 20 geometric shapes arranged in three rows. The shapes are categorized by their form and fill color:

- Squares:** There are 6 squares in total. One is a small gray square in the top row. Another is a large gray square in the top row. A white square is in the middle row. A small white square is in the bottom row. A large white square is in the bottom row.
- Circles:** There are 6 circles in total. One is a large white circle in the top row. Another is a small white circle in the top row. A gray circle is in the middle row. A gray circle is in the middle row. A gray circle is in the middle row. A large white circle is in the bottom row.
- Triangles:** There are 8 triangles in total. One is a large white triangle in the top row. Another is a small white triangle in the top row. A gray triangle is in the bottom row. A white triangle is in the middle row. A white triangle is in the middle row. A large gray triangle is in the bottom row. A small white triangle is in the middle row. A small white triangle is in the bottom row.

A collection of 18 geometric shapes arranged in a grid-like fashion. The shapes include:

- A gray hexagon with a gray rectangle attached to its right side, and a gray triangle attached to the bottom of the rectangle.
- A gray L-shaped polygon.
- A gray circle containing a white rectangle.
- A white circle containing a white rectangle.
- A white circle containing a white triangle.
- A white circle containing a white hexagon.
- A white circle containing a white triangle.
- A white circle containing a white rectangle.
- A white circle containing a white hexagon.
- A white circle containing a white triangle.
- A white circle containing a white rectangle.
- A white circle containing a white triangle.
- A white circle containing a white rectangle.
- A white circle containing a white triangle.
- A white circle containing a white rectangle.
- A white circle containing a white triangle.
- A white circle containing a white rectangle.

A collection of 15 3D geometric shapes arranged in a grid-like fashion. The shapes include spheres, cylinders, cones, and cubes. Some shapes are circled, indicating they are the focus of the task. The shapes are rendered in a simple, clean style with light gray shading to indicate depth.

1 Missing numbers

Write the missing number.

$$1 + \underline{\quad} = 3$$

$$7 + \underline{\quad} = 8$$

$$2 + \underline{\quad} = 7$$

$$\underline{\quad} + 4 = 9$$

$$5 + \underline{\quad} = 10$$

$$6 + \underline{\quad} = 8$$

$$\underline{\quad} + 3 = 9$$

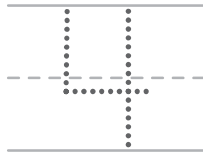
$$\underline{\quad} + 7 = 9$$

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SAF

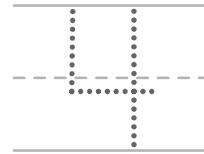
For more practice, visit [IXL.com](https://www.ixl.com) or the IXL mobile app and enter this code in the search bar.

2 Sides and corners

Write the number of sides and corners.



sides



corners



sides



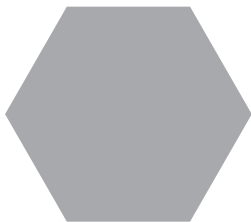
corners



sides



corners



sides



corners

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UX9

**DIG
DEEPER!**

Look at each shape. What do you notice about the number of sides and the number of corners?

3 Making 10

Write the missing numbers. What pattern do you notice?

$$1 + \begin{array}{c} \underline{\quad} \\ \text{-----} \\ \underline{\quad} \end{array} = 10$$

$$5 + \begin{array}{c} \underline{\quad} \\ \text{-----} \\ \underline{\quad} \end{array} = 10$$

$$2 + \begin{array}{c} \underline{\quad} \\ \text{-----} \\ \underline{\quad} \end{array} = 10$$

$$6 + \begin{array}{c} \underline{\quad} \\ \text{-----} \\ \underline{\quad} \end{array} = 10$$

$$3 + \begin{array}{c} \underline{\quad} \\ \text{-----} \\ \underline{\quad} \end{array} = 10$$

$$7 + \begin{array}{c} \underline{\quad} \\ \text{-----} \\ \underline{\quad} \end{array} = 10$$

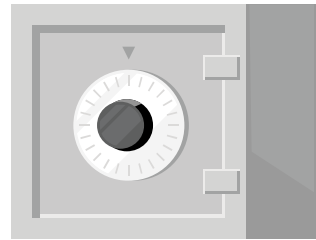
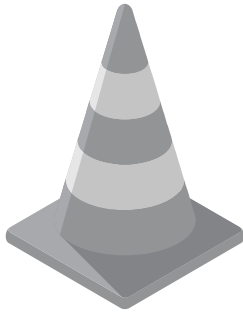
$$4 + \begin{array}{c} \underline{\quad} \\ \text{-----} \\ \underline{\quad} \end{array} = 10$$

$$8 + \begin{array}{c} \underline{\quad} \\ \text{-----} \\ \underline{\quad} \end{array} = 10$$

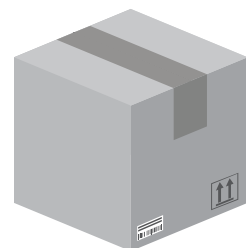
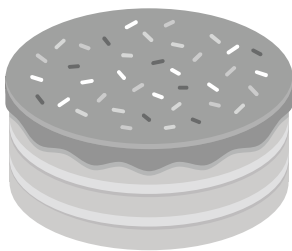
$$9 + \begin{array}{c} \underline{\quad} \\ \text{-----} \\ \underline{\quad} \end{array} = 10$$

4 Three-dimensional shapes

Draw a ○ around the objects shaped like a cone.



Draw a ○ around the objects shaped like a sphere.

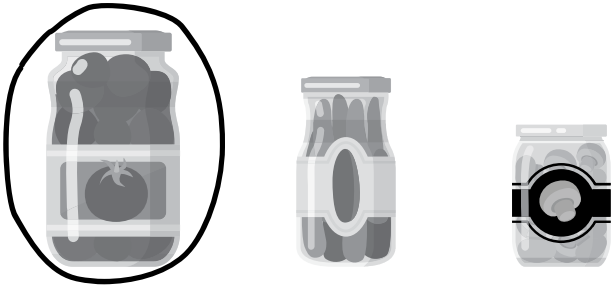


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ZRS

5 Measurement

Draw a ○ to answer each question.

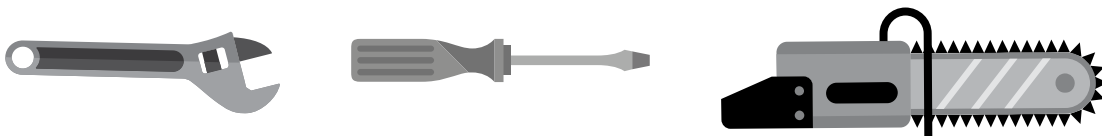
Which object is the tallest?



Which object is the longest?



Which object is the heaviest?

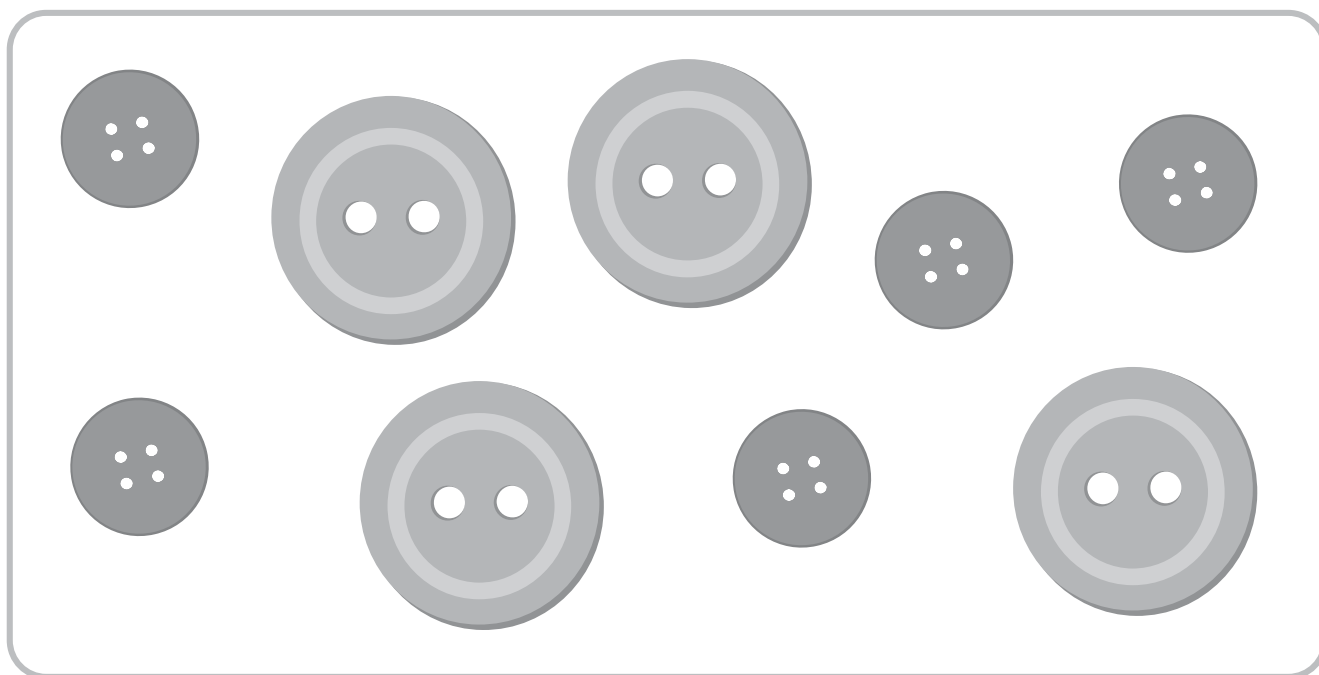


Which object holds the least?




6 Sorting and classifying

Look at the buttons. Answer each question.



How many  are there?

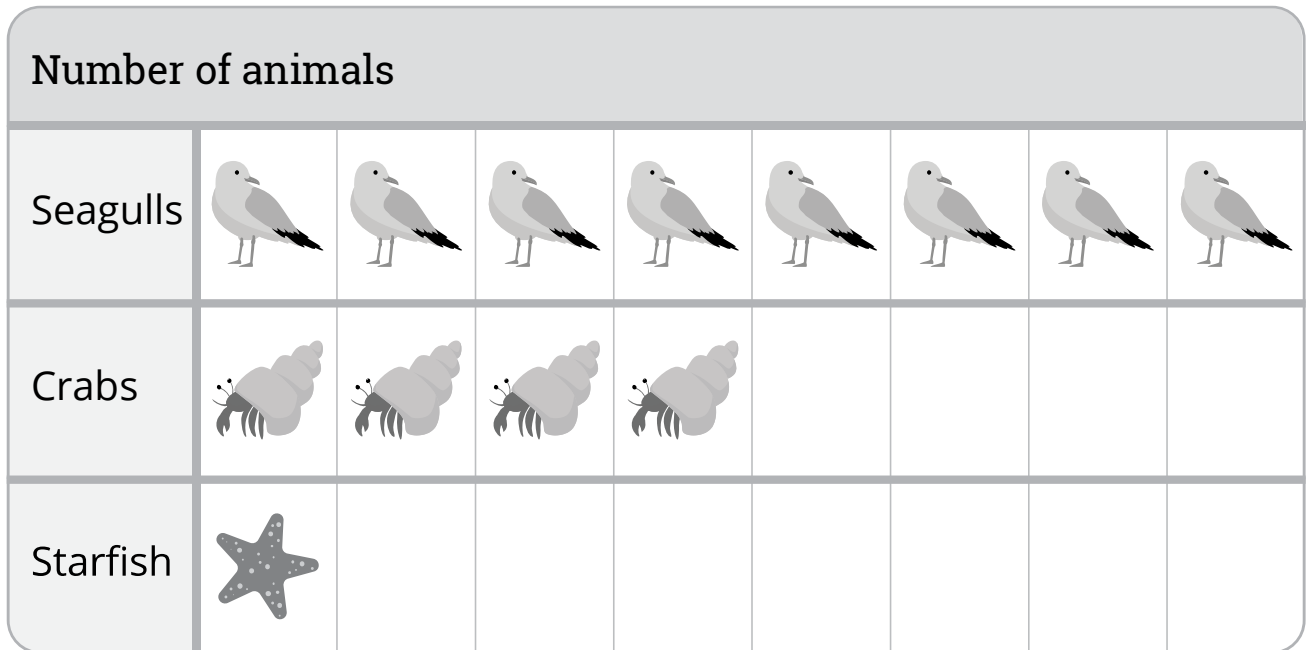
How many  are there?

How many buttons
are there in all?

----- buttons

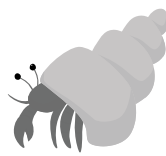
7 Picture graphs

The picture graph below shows the number of animals Tim saw at the beach.



Look at the picture graph. Write the number of each animal.







8

Counting by tens

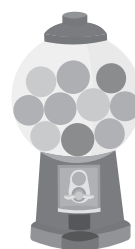
Count by tens to find the total number of gumballs.



10



20

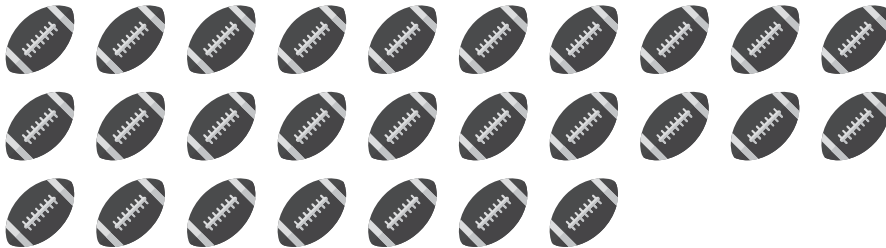


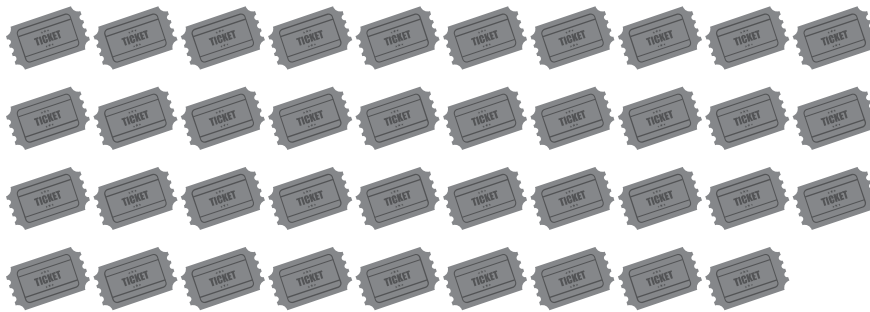
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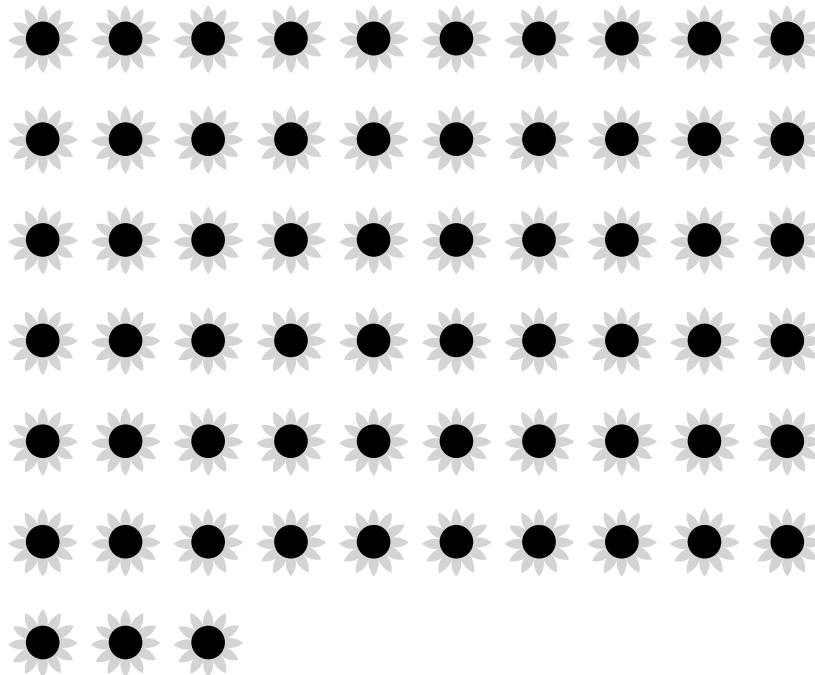
9

Counting to 100

Count by tens and ones. Write the number.







10 Counting to 100

Write the numbers in order.

36, 40, 39, 38, 37

36	37	38	39	40
----	----	----	----	----

13, 15, 14, 16, 12

--	--	--	--	--

56, 52, 54, 53, 55

--	--	--	--	--

81, 80, 78, 82, 79

--	--	--	--	--

11 Answer key

PAGE 1

$1 + 2 = 3$

$7 + 1 = 8$

$2 + 5 = 7$

$5 + 4 = 9$

$5 + 5 = 10$

$6 + 2 = 8$

$6 + 3 = 9$

$2 + 7 = 9$

PAGE 2



4 sides 4 corners



4 sides 4 corners



3 sides 3 corners



6 sides 6 corners

PAGE 3

$1 + 9 = 10$

$5 + 5 = 10$

$2 + 8 = 10$

$6 + 4 = 10$

$3 + 7 = 10$

$7 + 3 = 10$

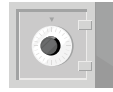
$4 + 6 = 10$

$8 + 2 = 10$

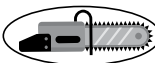
$9 + 1 = 10$

As the first number gets bigger, the second number gets smaller.

PAGE 4



PAGE 5



PAGE 6



9 buttons

PAGE 7



PAGE 8



10

20

30



40

50

60



70

80

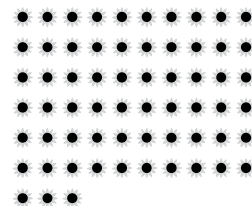
PAGE 9



27



39



63

PAGE 10

36 37 38 39 40

12 13 14 15 16

52 53 54 55 56

78 79 80 81 82

1

Making teen numbers

Draw dots to make the teen number.

14

●	●	●	●	●
●	●	●	●	●

●	●	●	●	

12

15

17

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2 Counting to 20

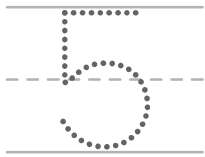
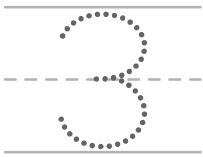
Count on to fill in the missing numbers.

1	2	<hr/> <hr/> <hr/>	<hr/> <hr/> <hr/>	5
6	<hr/> <hr/> <hr/>	8	<hr/> <hr/> <hr/>	10
11	<hr/> <hr/> <hr/>	<hr/> <hr/> <hr/>	<hr/> <hr/> <hr/>	15
16	<hr/> <hr/> <hr/>	<hr/> <hr/> <hr/>	<hr/> <hr/> <hr/>	<hr/> <hr/> <hr/>

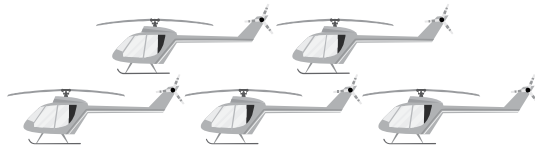
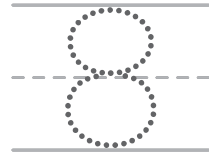
3

Modeling addition

Write each number and find the total.



is



is



is



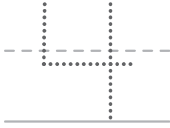
is





4


Adding up to 10


Solve.


$2 + 2 =$ 


$7 + 2 =$ 


$3 + 3 =$ 


$5 + 1 =$ 


$4 + 5 =$ 

$6 + 3 =$ 

$7 + 3 =$ 

$7 + 1 =$ 

$2 + 5 =$ 

$1 + 4 =$ 

5

Word problems

Write each addition sentence to solve. Draw a picture to help.

Elliot sees 3 black cars and 2 blue cars. How many cars does he see in all?

----- cars

Jill made 5 snowballs. Oliver made 3 snowballs. How many snowballs did they make in all?

----- snowballs

Theo has 2 star stickers and 4 heart stickers. How many stickers does he have in all?

----- stickers

6 Ordering numbers

Write the numbers in order.

7, 5, 4, 6, 8

4	5	6	7	8
---	---	---	---	---

11, 14, 15, 13, 12

--	--	--	--	--

9, 11, 7, 10, 8

--	--	--	--	--

18, 20, 16, 19, 17

--	--	--	--	--

7 Comparing numbers

Draw a ○ around the number that is greater.

⑨	3	5	1
4	2	7	10
8	6	6	5
1	7	5	8

8

Counting by tens

Find the path from start to finish. Draw a line to count by tens to 100!

START ↓

40	30	10	20	45
50	80	70	30	52
61	78	50	40	60
70	85	60	71	80
90	50	70	80	70
53	60	74	90	80
70	98	70	100	90

FINISH ↓

9 Subtraction within 10

Solve.

$10 - 2 = 8$

$8 - 3 = \underline{\quad}$

$4 - 1 = \underline{\quad}$

$5 - 4 = \underline{\quad}$

$6 - 4 = \underline{\quad}$

$8 - 7 = \underline{\quad}$

$9 - 6 = \underline{\quad}$

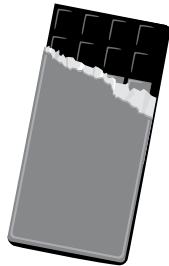
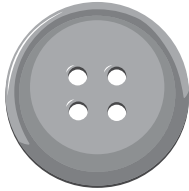
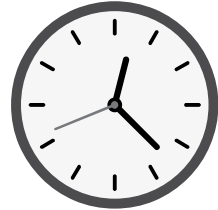
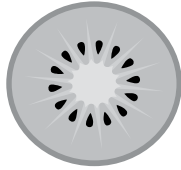
$7 - 5 = \underline{\quad}$

$10 - 7 = \underline{\quad}$

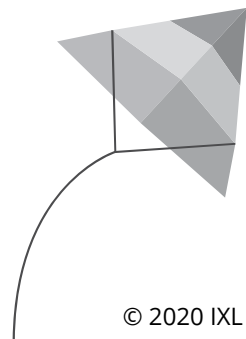
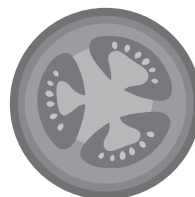
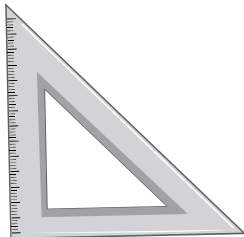
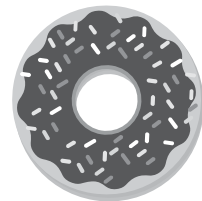
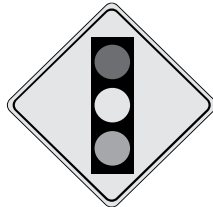
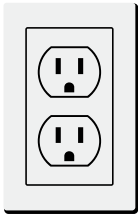
$9 - 5 = \underline{\quad}$

10 Shapes

Draw a  around the objects shaped like a circle.



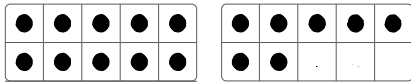
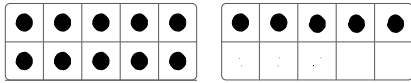
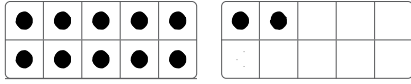
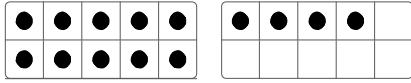
Draw a  around the objects shaped like a triangle.



11 Answer key

PAGE 1

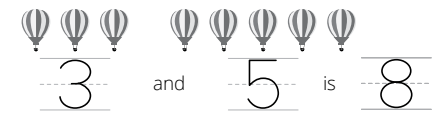
Placement of dots may vary.



PAGE 2

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20

PAGE 3



PAGE 4

$$\begin{array}{l} 2 + 2 = 4 \\ 3 + 3 = 6 \\ 4 + 5 = 9 \\ 7 + 3 = 10 \\ 2 + 5 = 7 \end{array} \quad \begin{array}{l} 7 + 2 = 9 \\ 5 + 1 = 6 \\ 6 + 3 = 9 \\ 7 + 1 = 8 \\ 1 + 4 = 5 \end{array}$$

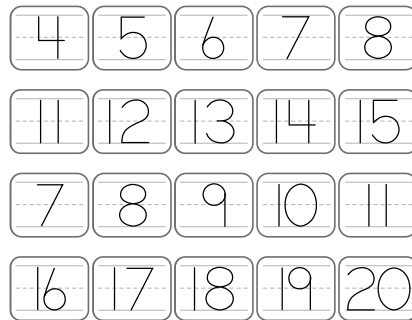
PAGE 5

$$3 + 2 = 5 \text{ cars}$$

$$5 + 3 = 8 \text{ snowballs}$$

$$2 + 4 = 6 \text{ stickers}$$

PAGE 6



PAGE 7

$$\begin{array}{l} (9) \quad 3 \quad (5) \quad 1 \\ (4) \quad 2 \quad 7 \quad (10) \\ (8) \quad 6 \quad (6) \quad 5 \\ 1 \quad (7) \quad 5 \quad (8) \end{array}$$

PAGE 8

40	30	10	20	45
50	80	70	30	52
61	78	50	40	60
70	85	60	71	80
90	50	70	80	70
53	60	74	90	80
70	98	70	100	90

PAGE 9

$$\begin{array}{l} 10 - 2 = 8 \\ 4 - 1 = 3 \\ 6 - 4 = 2 \\ 9 - 6 = 3 \\ 10 - 7 = 3 \end{array} \quad \begin{array}{l} 8 - 3 = 5 \\ 5 - 4 = 1 \\ 8 - 7 = 1 \\ 7 - 5 = 2 \\ 9 - 5 = 4 \end{array}$$

PAGE 10

