

**3** Fill in the blanks.

Facts with 7	Facts with 8	Facts with 9	Facts with 10
$7 - 7 = \underline{\quad}$	$8 - 7 = \underline{\quad}$	$9 - 7 = \underline{\quad}$	$10 - 7 = \underline{\quad}$
$7 - 6 = \underline{\quad}$	$8 - 6 = \underline{\quad}$	$9 - 6 = \underline{\quad}$	$10 - 6 = \underline{\quad}$
$7 - 5 = \underline{\quad}$	$8 - 5 = \underline{\quad}$	$9 - 5 = \underline{\quad}$	$10 - 5 = \underline{\quad}$
$7 - 4 = \underline{\quad}$	$8 - 4 = \underline{\quad}$	$9 - 4 = \underline{\quad}$	$10 - 4 = \underline{\quad}$
$7 - 3 = \underline{\quad}$	$8 - 3 = \underline{\quad}$	$9 - 3 = \underline{\quad}$	$10 - 3 = \underline{\quad}$
$7 - 2 = \underline{\quad}$	$8 - 2 = \underline{\quad}$	$9 - 2 = \underline{\quad}$	$10 - 2 = \underline{\quad}$
$7 - 1 = \underline{\quad}$	$8 - 1 = \underline{\quad}$	$9 - 1 = \underline{\quad}$	$10 - 1 = \underline{\quad}$

What patterns do you notice?

**4** Buzz says he has found all of the ways to make 6.

$$0 + 6 = 6$$

$$1 + 5 = 6$$

$$2 + 3 = 6$$

$$3 + 3 = 6$$

$$4 + 2 = 6$$

$$5 + 1 = 6$$

$$6 + 0 = 6$$

Do you agree? Circle:      Yes      No

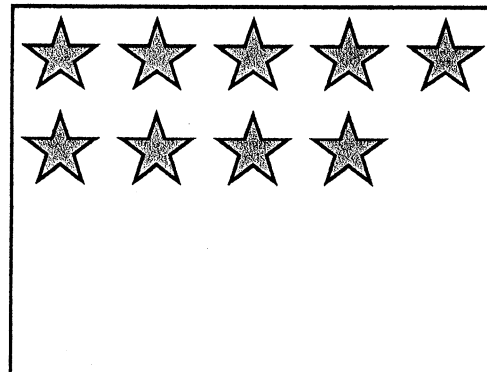
Tell why.

# Refine Finding the Unknown Number

## Apply It

Solve problems 1–7.

- 1** 13 stars are in the box.  
 Joy takes some stars.  
 9 stars are left.  
 How many stars does Joy take?

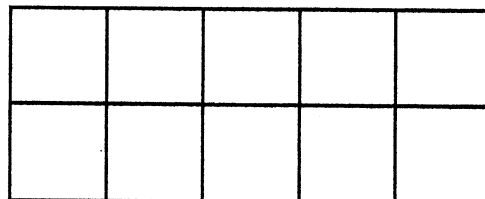
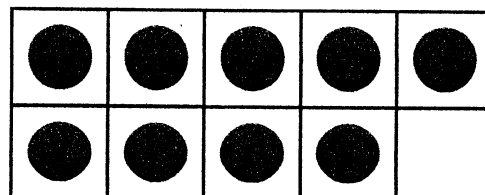


$13 - \underline{\quad} = 9 \quad \underline{\quad} \text{ stars}$

- 2** Find the missing number.

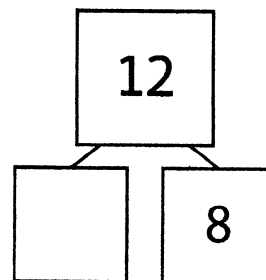
$? + 9 = 16$

$\underline{\quad} + 9 = 16$



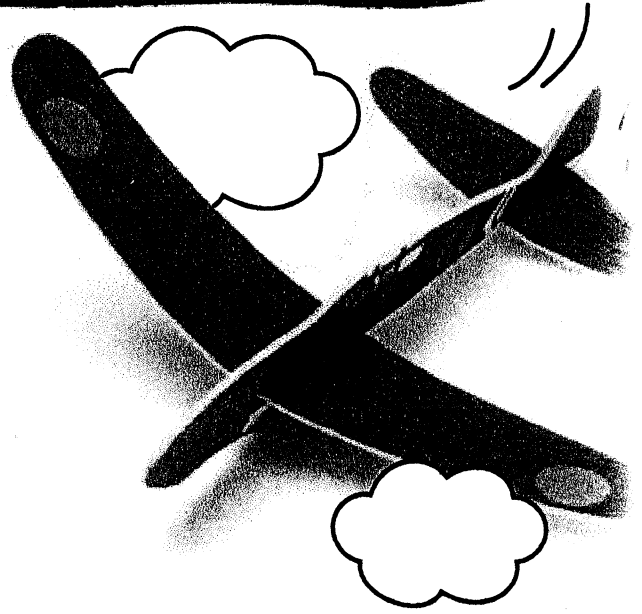
- 3** Find the missing number.  
 Complete the number bond.

$12 = \underline{\quad} + 8$



4	5	6	7	8	9	10	11	12	13
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- 4 Kris has 8 toy planes. He makes more. Now he has 12 toy planes. How many more does Kris make?



\_\_\_\_\_ more toy planes

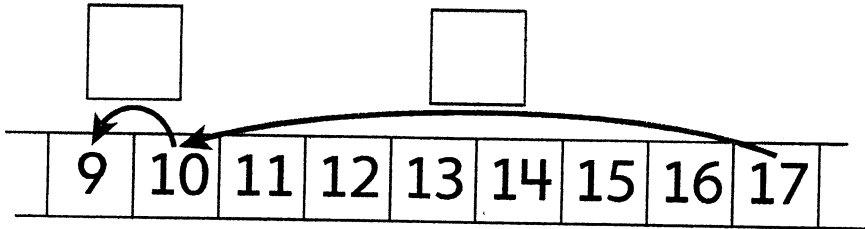
- 5 Paul has 9 fewer coins than Hasina. Paul has 6 coins. How many coins does Hasina have?

\_\_\_\_\_ coins

- 6 20 tennis balls are on the table. Some roll off. Now there are 10. How many roll off?

\_\_\_\_\_ tennis balls

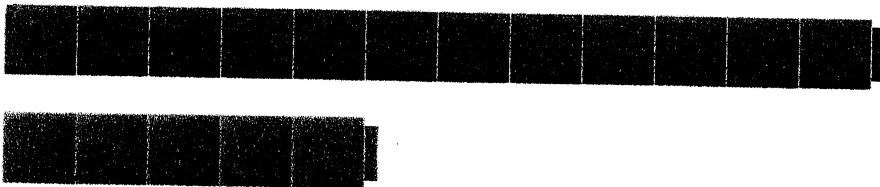
- 2 17 coloring pages are on the table.  
Tanya colors some. There are 9 pages left.  
How many pages does Tanya color?



$$17 - \underline{\quad} = 9$$

         pages

- 3 Isabella has 12 balls. Ryan has 5 balls. How many fewer balls does Ryan have than Isabella?



$$12 - \underline{\quad} = 5$$

         fewer balls

- 4 Sofia has 8 more marbles than Olaf. Olaf has 7 marbles. How many marbles does Sofia have?

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

         marbles

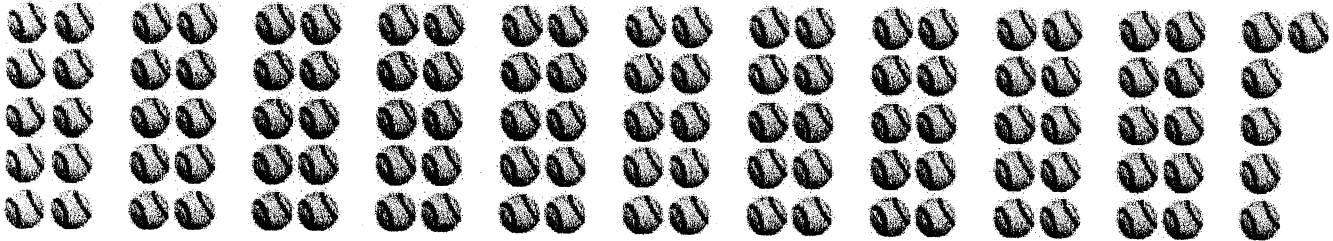


61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120

Fill in the blanks.

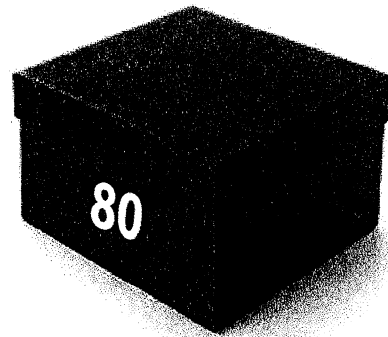
- 6 Count by ones: 97, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 101
- 7 Count by ones: 69, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 73
- 8 Count by ones: 80, \_\_\_\_\_, 82, \_\_\_\_\_, \_\_\_\_\_
- 9 1 more than \_\_\_\_\_ is 111.
- 10 1 more than 119 is \_\_\_\_\_.

- 4** Gina counts these baseballs.  
How many baseballs does she count?



\_\_\_\_\_ baseballs

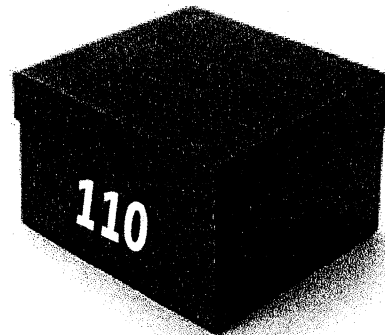
- 5** There are 80 shells in a box.  
There are more outside the box.  
How many altogether?



\_\_\_\_\_ shells



- 6** There are 110 pencils in a box.  
There are more outside the box.  
How many altogether?



\_\_\_\_\_ pencils



4 Write  $<$ ,  $>$ , or  $=$  in the circle.

$$74 \bigcirc 74$$

$$85 \bigcirc 87$$

$$63 \bigcirc 28$$

5 Write  $<$ ,  $>$ , or  $=$  in the circle.

$$71 \bigcirc 65$$

$$34 \bigcirc 39$$

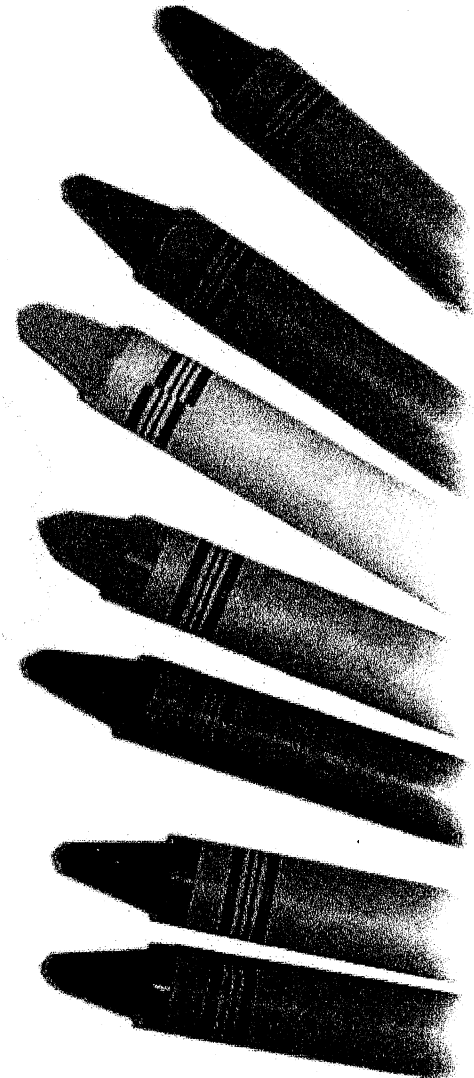
$$48 \bigcirc 48$$

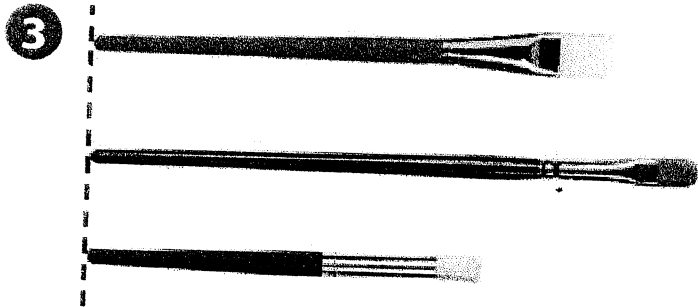
6 Write  $<$ ,  $>$ , or  $=$  in the circle.

$$54 \bigcirc 59$$

$$83 \bigcirc 83$$

$$60 \bigcirc 47$$





The \_\_\_\_\_ paintbrush is the longest.

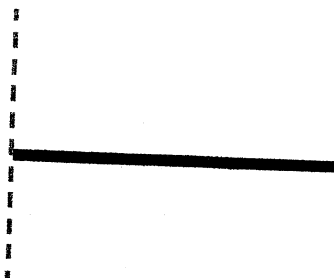
The \_\_\_\_\_ paintbrush is the shortest.



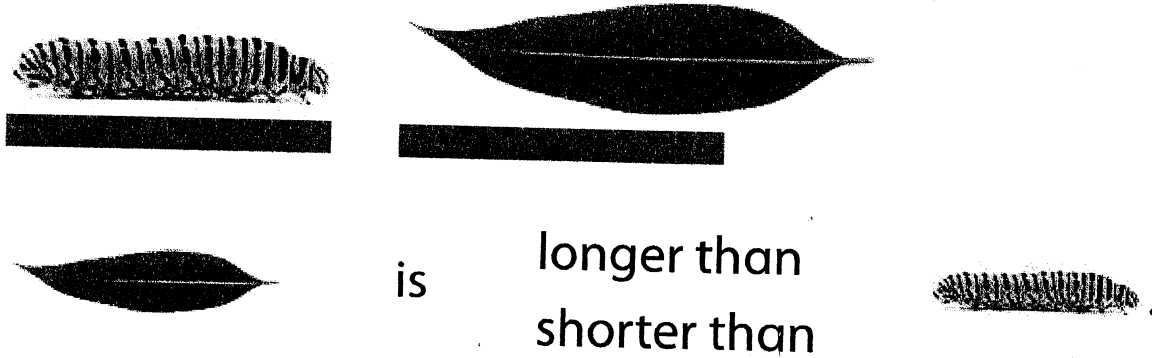
The \_\_\_\_\_ paint streak is the longest.

The \_\_\_\_\_ paint streak is the shortest.

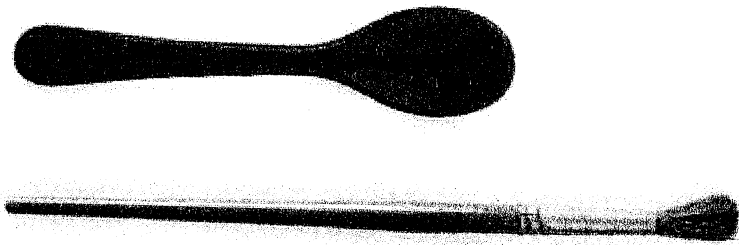
- 5 Draw a red line that is longer than this line.  
Draw a blue line that is shorter than this line.



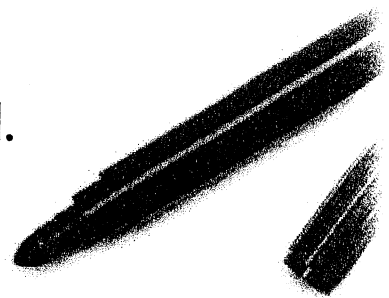
4 Compare lengths. Then circle the correct words.



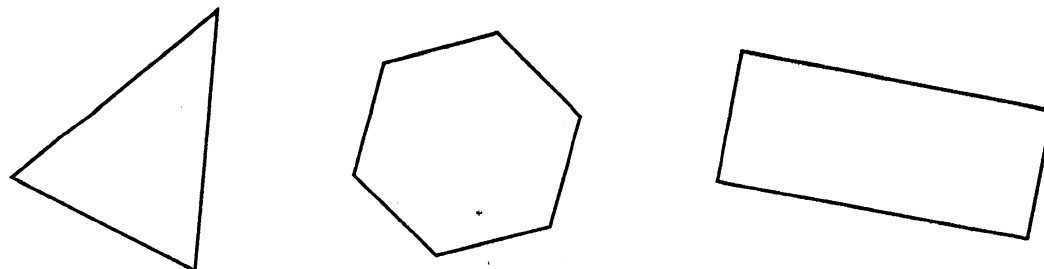
5 Draw a line that is shorter than the spoon.  
Circle the longest object.



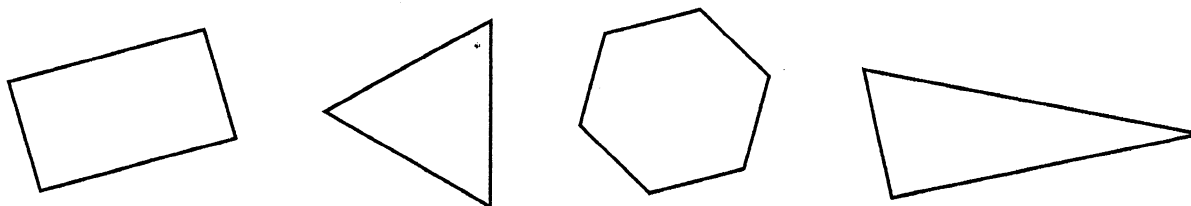
6 The pen is longer than the marker.  
The pencil is longer than the pen.  
Buzz says the marker is shorter than the pencil.  
Do you agree? Why or why not?



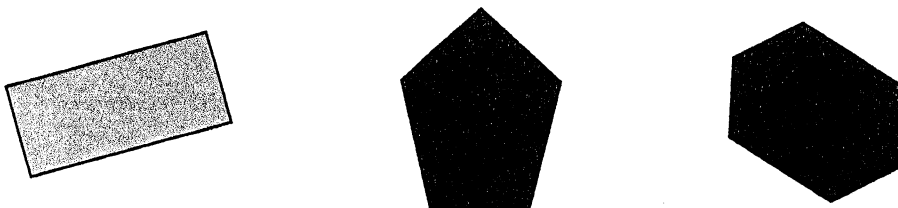
- 3 Color the triangle green. Color the rectangle red.  
Color the hexagon yellow.



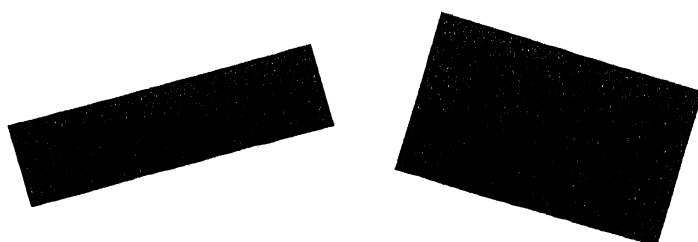
- 4 Color the shapes with square corners blue.



- 5 Circle the shape that has 6 sides and 6 corners.

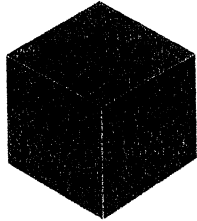


- 6 What is the same about these two shapes? Circle.



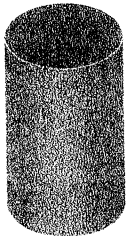
square corners  
number of corners

- 4 Describe this cube. Make a ✓ if true.  
Make an X if not true.



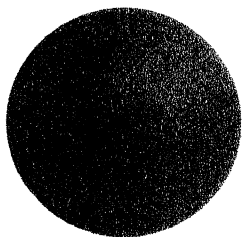
- \_\_\_\_\_ 6 faces  
\_\_\_\_\_ 8 corners  
\_\_\_\_\_ 10 edges  
\_\_\_\_\_ can roll

- 5 Describe this cylinder. Make a ✓ if true.  
Make an X if not true.



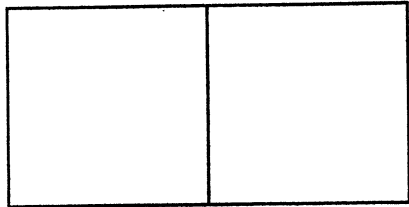
- \_\_\_\_\_ 2 circle faces  
\_\_\_\_\_ 6 corners  
\_\_\_\_\_ 0 straight edges  
\_\_\_\_\_ can roll

- 6 Describe this sphere. Make a ✓ if true.  
Make an X if not true.

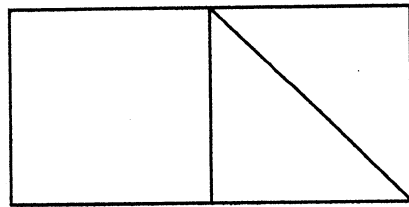


- \_\_\_\_\_ 0 edges  
\_\_\_\_\_ 0 corners  
\_\_\_\_\_ 2 faces  
\_\_\_\_\_ can roll

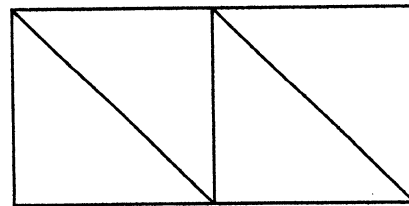
2 Draw lines to match each picture with the shapes that make it.



4 triangles



2 squares



2 squares and 1 triangle

1 square and 2 triangles

3 Circle the shapes you could use to make this shape.

