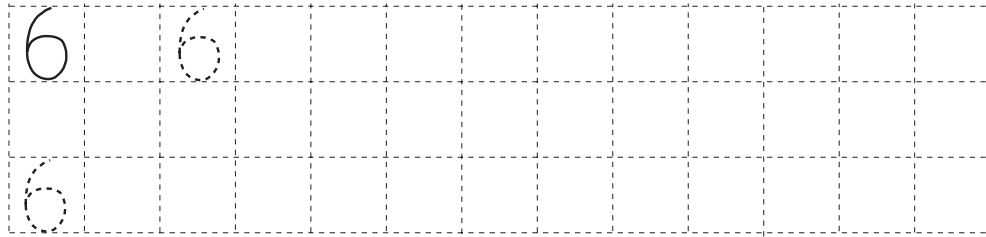
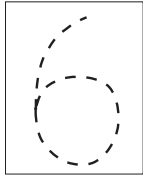
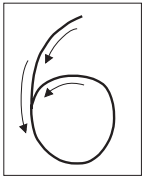


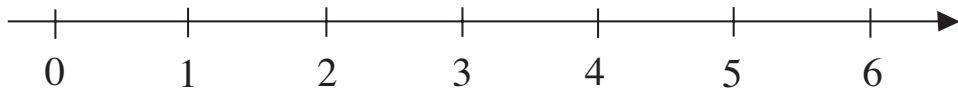
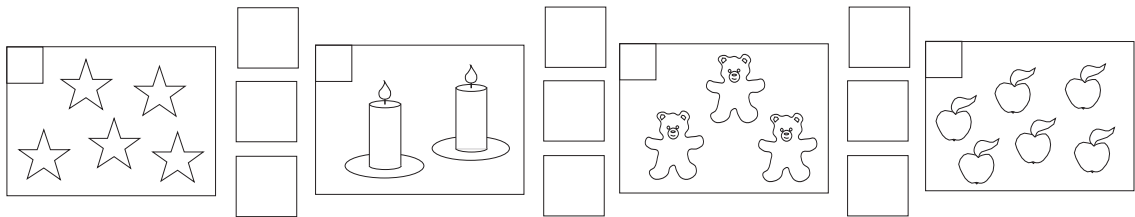
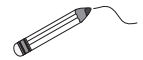
1

Continue the pattern.



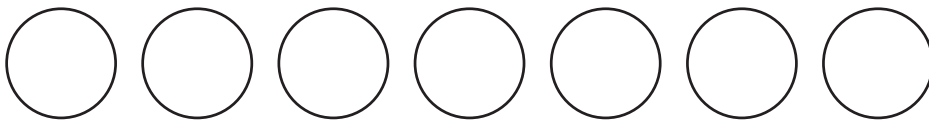
2

Write the correct numbers and signs in the boxes and join the pictures to the number line.



3

(a) Colour in **six** circles.



(b) Tick the second circle from the right.

What is its position from the left?



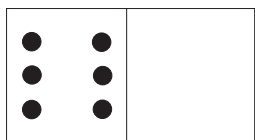
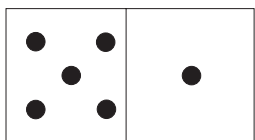
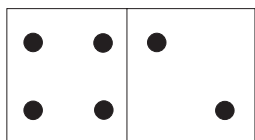
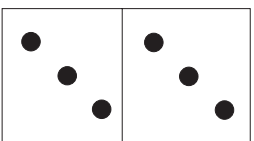
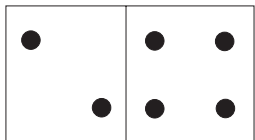
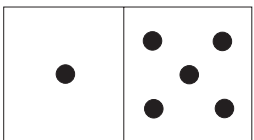
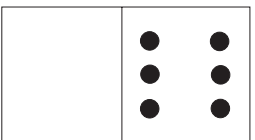
4

Show the answers by drawing sticks.

$1 + \text{||||} = \quad \text{|||} + \text{|||} = \quad \text{||} + \text{||||} =$

1

Write an addition about each domino.

 $6 + 0 = \square$	 <input style="width: 100px; height: 15px;" type="text"/>	 <input style="width: 100px; height: 15px;" type="text"/>	 <input style="width: 100px; height: 15px;" type="text"/>
 <input style="width: 100px; height: 15px;" type="text"/>	 <input style="width: 100px; height: 15px;" type="text"/>	 <input style="width: 100px; height: 15px;" type="text"/>	

2

Solve:

$0 + 0 = \square$	$1 + 1 = \square$	$2 + 2 = \square$
$0 + 1 = \square$	$1 + 2 = \square$	$2 + 3 = \square$
$0 + 2 = \square$	$1 + 3 = \square$	$2 + 4 = \square$
$0 + 3 = \square$	$1 + 4 = \square$	$3 + 3 = \square$
$0 + 4 = \square$	$1 + 5 = \square$	$4 + 2 = \square$
$0 + 5 = \square$	$5 + 1 = \square$	$6 + 0 = \square$
$0 + 6 = \square$		

3

Fill in the missing numbers.

6	1	6	5		2	3				4	0
	5	0		4			6	2	3	1	

4

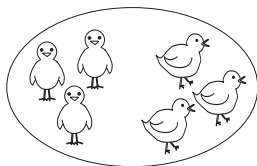
Write the correct numbers in the corners so that the signs are correct.

<input style="width: 100%; height: 100%;" type="text"/>	$>$	<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>
\vee	\wedge	5	\wedge
<input style="width: 100%; height: 100%;" type="text"/>	$>$	\wedge	<input style="width: 100%; height: 100%;" type="text"/>

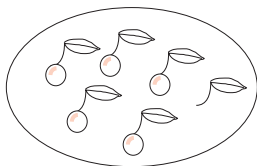
<input style="width: 100%; height: 100%;" type="text"/>	$<$	<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>
\wedge	\vee	1	\vee
<input style="width: 100%; height: 100%;" type="text"/>	$<$	\wedge	<input style="width: 100%; height: 100%;" type="text"/>

1

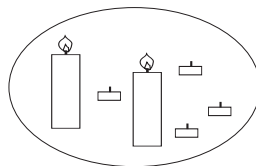
Write a subtraction about each picture and join it to the number line. 



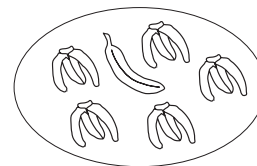
6	-		=	
---	---	--	---	--



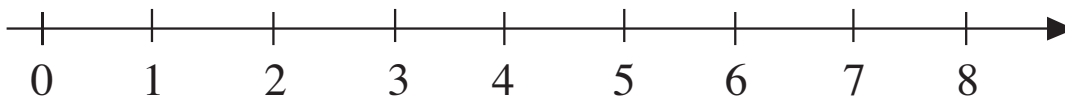
	-		=	
--	---	--	---	--



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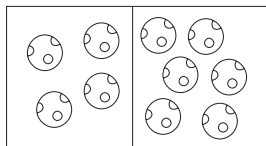


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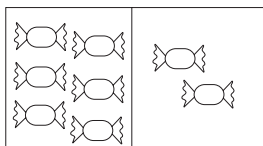


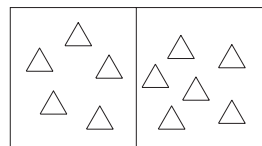
2

Compare the two sides of each picture and write it down in different ways.



4	<	6		
4	+	2	=	
6	-		=	





3

Solve:

$2 - 1 = \square$	$4 - 1 = \square$	$5 - 2 = \square$	$6 - 2 = \square$
$2 - 2 = \square$	$4 - 2 = \square$	$5 - 3 = \square$	$6 - 3 = \square$
$3 - 1 = \square$	$4 - 3 = \square$	$5 - 4 = \square$	$6 - 4 = \square$
$3 - 2 = \square$	$4 - 4 = \square$	$5 - 5 = \square$	$6 - 5 = \square$
$3 - 3 = \square$	$5 - 1 = \square$	$6 - 1 = \square$	$6 - 6 = \square$

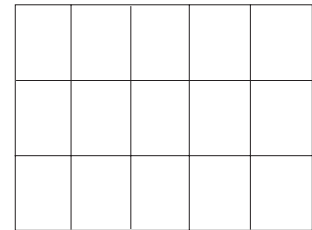
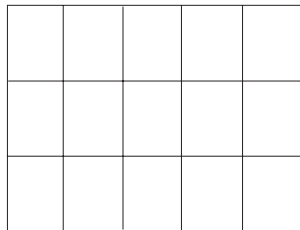
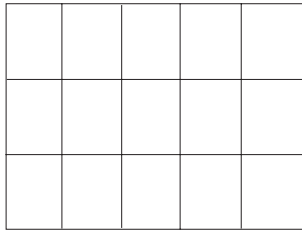
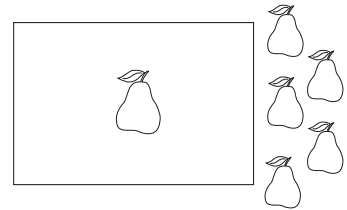
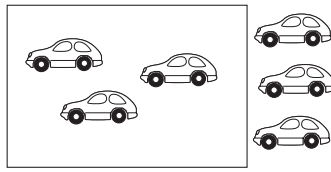
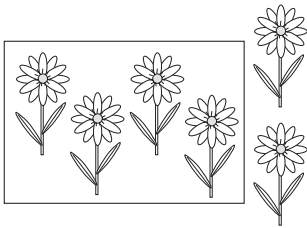
4

Write the numbers 0 to 6 in the large boxes in **increasing** order.
Write the correct signs in the small boxes.

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

1

Write additions and subtractions about the pictures.



2

Find the value of ● and △, if

$$\bullet = \triangle + \triangle, \quad \triangle = \square + \square \quad \text{and} \quad \square = 1$$

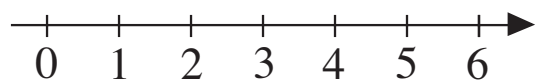
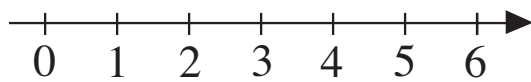
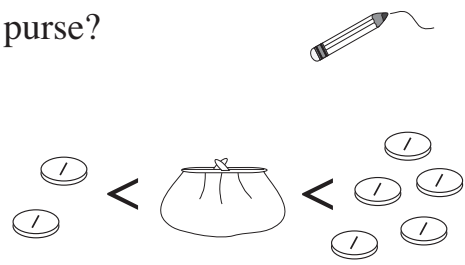
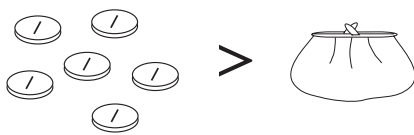
$$\triangle = \square \qquad \bullet = \square$$

Display the answers with numbers and sticks.

3

How many coins could be contained in the purse?

Join up to the number line.



4

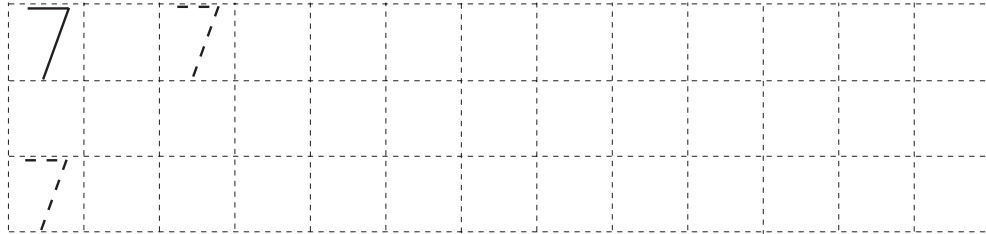
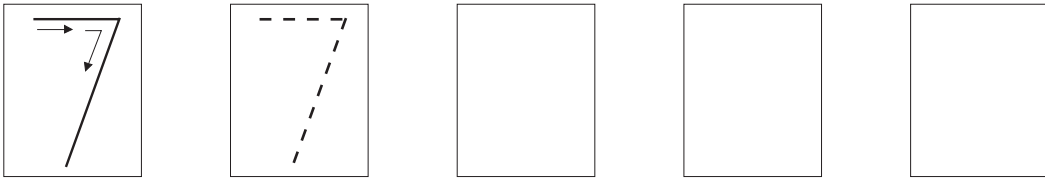
Make it true by moving one stick.

$$|| + | = ||||$$

$$|||| - || = |$$

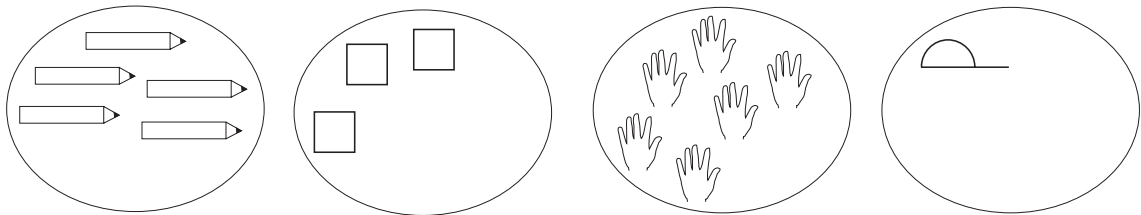
1

Complete the pattern.



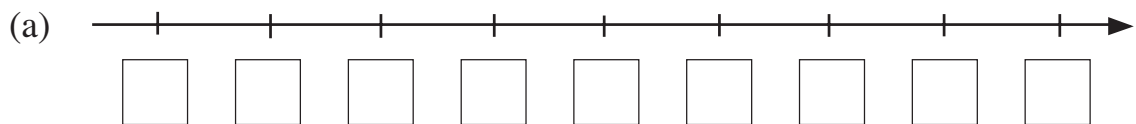
2

Complete the pictures to make 7.



3

Write the numbers from 0 to 7 in the boxes.



(b) Write the next number smaller and the next number greater than 5, 2 and 6.

$$\square < 5 < \square$$

$$\square < 2 < \square$$

$$\square < 6 < \square$$

4

Show your answers by drawing sticks.

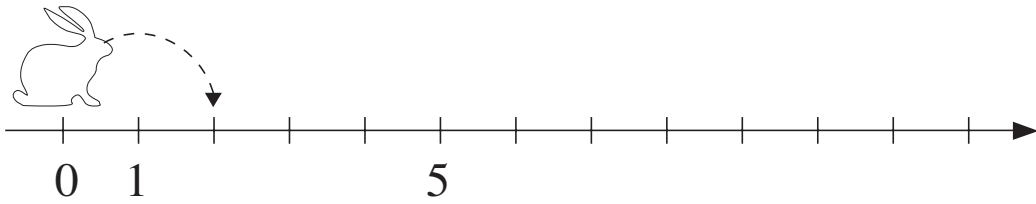
$$| + ||||| =$$

$$||| + || =$$

$$||| + |||| =$$

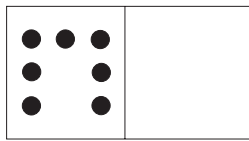
1

Bunny starts from 0 and jumps to every second number. Colour these points green and the missed points red.

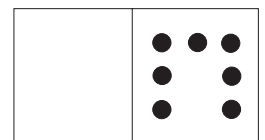
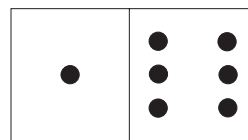
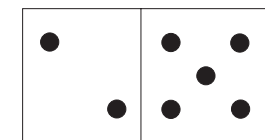
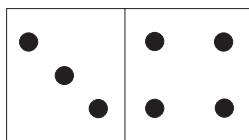
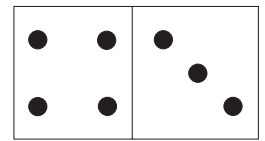
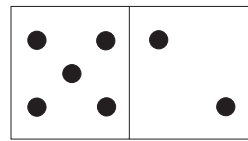
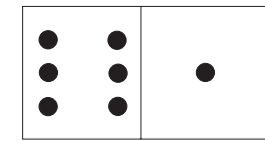


2

Write down the additions.



$7 + 0 = \square$



3

Solve: $1 + 1 = \square$

$2 + 2 = \square$

$2 + 5 = \square$

$1 + 2 = \square$

$2 + 3 = \square$

$6 + 1 = \square$

$1 + 3 = \square$

$2 + 4 = \square$

$0 + 7 = \square$

$1 + 4 = \square$

$2 + 5 = \square$

$4 + 3 = \square$

$1 + 5 = \square$

$3 + 3 = \square$

$5 + 0 = \square$

$1 + 6 = \square$

$3 + 4 = \square$

$4 + 2 = \square$

4

Fill in the missing numbers.

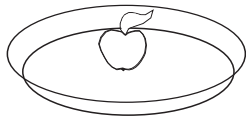
7	1	5	0			2		4	5		6
	6	2		3	1		0			4	

1

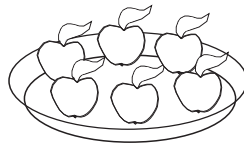
Each plate had 7 apples to start with. How many have been eaten?
Write a subtraction about each picture.



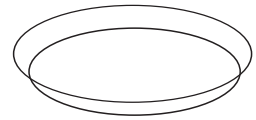
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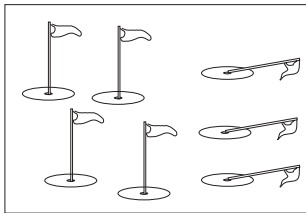
--	--	--	--	--	--	--	--



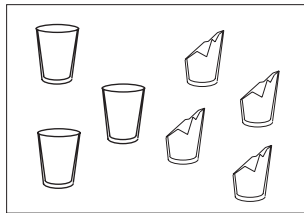
--	--	--	--	--	--	--	--

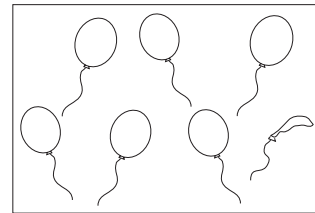
2

Write additions and subtractions about the pictures.



	+		=	
	-		=	





3

Sue has 2 dolls and Jane has 3 more dolls than Sue.
Draw the dolls Jane and Sue have.

Sue:



Jane:



(a) How many dolls does Jane have?

--

(b) Write an addition for the total.

	+		=	
--	---	--	---	--

(c) Compare the dolls with a subtraction.

	-		=	
--	---	--	---	--

4

Write the numbers 0 to 7 in the large boxes in **decreasing** order.
Write the correct signs in the small boxes.

--	--	--	--	--	--	--	--	--	--	--	--	--	--

1

Fill in the missing numbers.

$7 = 3 + \square$

$1 + 1 + \square = 7$

$2 + 1 <^4 2 + \square$

$7 = \square + 2$

$1 + 3 + 3 = \square$

$5 - 3 <^2 \square - 3$

$3 = \square - 4$

$7 - 2 - 2 = \square$

$3 + 4 >^3 3 + \square$

$2 = 7 - \square$

$7 - 6 + \square = 3$

$\square - 1 > 4$

$6 + \square = 7$

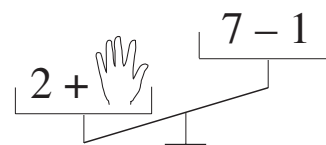
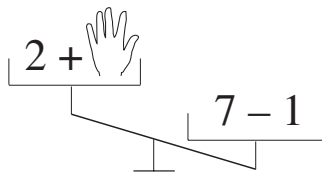
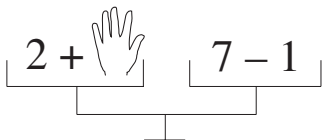
$\square - 2 - 5 = 0$

$7 - \square = 1$

$7 - 4 + \square = 7$

2

Which numbers could be covered by the hand?



Write statements about each balance.

$2 + \text{[hand]} = \square$

$2 + \text{[hand]} < 7 - 1$

$\square + \text{[hand]} > \square - \square$

$2 + \text{[hand]} = \square$

$2 + \text{[hand]} < \square$

$\square + \text{[hand]} > \square$

$\text{[hand]} = \square$

$\text{[hand]} < \square$

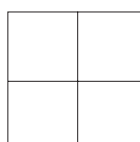
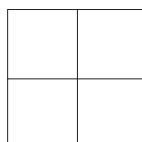
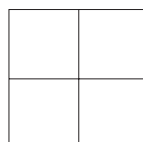
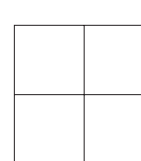
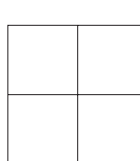
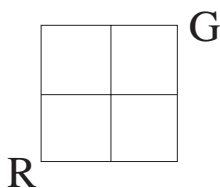
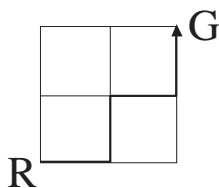
$\text{[hand]} > \square$

$\text{[hand]} : \square$

$\text{[hand]} : \square$

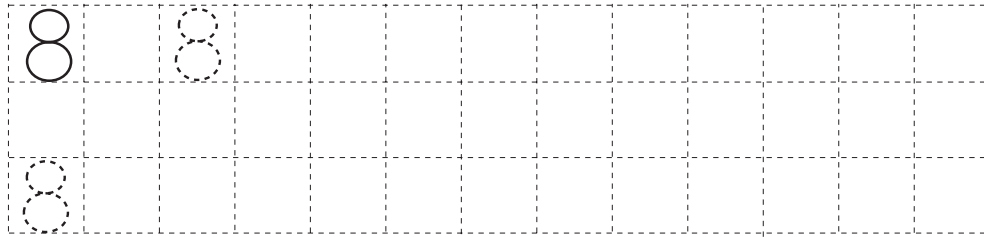
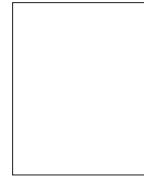
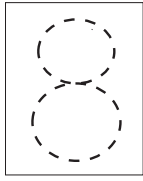
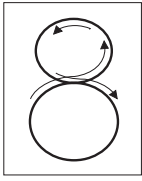
3

How many routes could Little Red Riding Hood choose to get to her Grandma through the forest? Draw routes along the paths given.



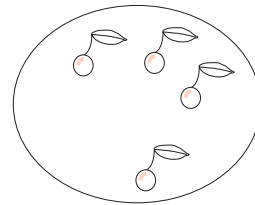
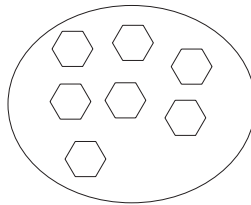
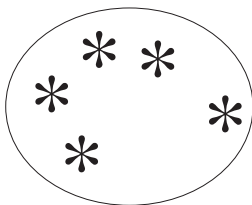
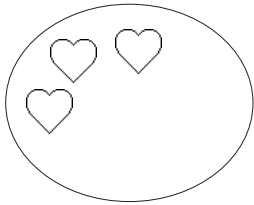
1

Continue the pattern.



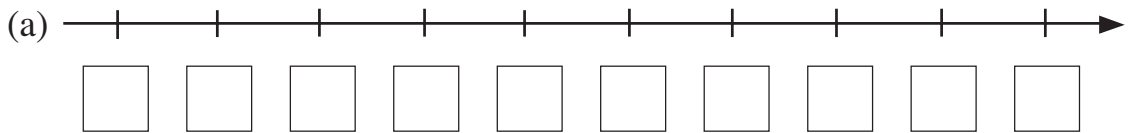
2

Complete the pictures to make 8.



3

Write the numbers 0 to 8 in the boxes.



(b) Colour red the point 0.

Starting from 0, colour every 2nd point red also.

Colour the other points green.

4

(a) Colour in **eight** circles.



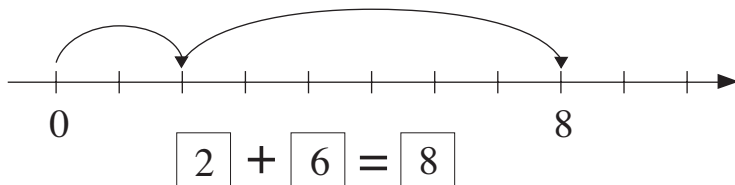
(b) Tick the fourth circle from the right.

What is its position from the left?

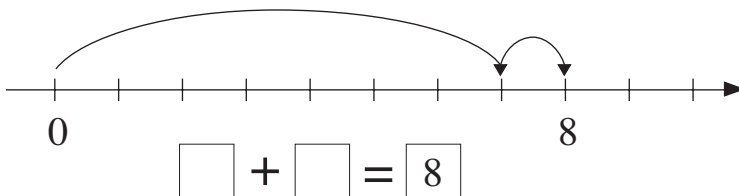
1

Bunny is jumping along the number line. Write additions for the jumps.

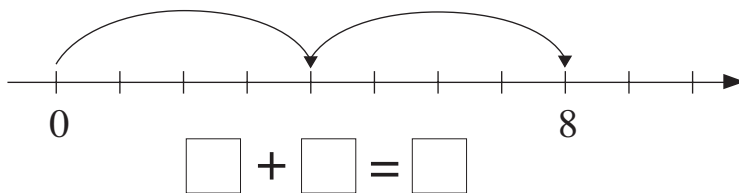
(a)



(b)

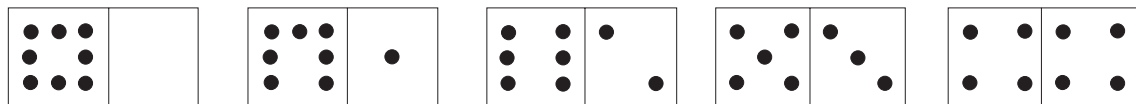


(c)

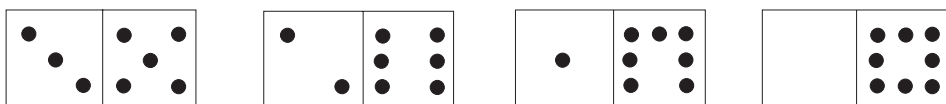


2

Write down the additions.



$8 + 0 = \square$ $\square + \square = \square$ $\square + \square = \square$ $\square + \square = \square$ $\square + \square = \square$



$\square + \square = \square$ $\square + \square = \square$ $\square + \square = \square$ $\square + \square = \square$

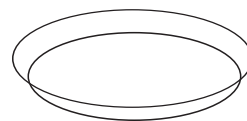
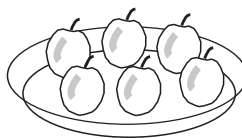
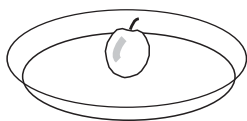
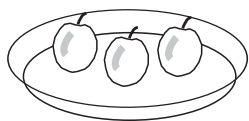
3

Solve:

$1 + 2 = \square$	$1 + 7 = \square$	$2 + 6 = \square$	$4 + 4 = \square$
$1 + 3 = \square$	$2 + 2 = \square$	$3 + 3 = \square$	$4 + 0 = \square$
$1 + 4 = \square$	$2 + 3 = \square$	$3 + 4 = \square$	$7 + 1 = \square$
$1 + 5 = \square$	$2 + 4 = \square$	$3 + 5 = \square$	$0 + 8 = \square$
$1 + 6 = \square$	$2 + 5 = \square$		

1

Each plate had 8 plums on it. How many have been eaten?
Write a subtraction for each.



8	-	3	=	
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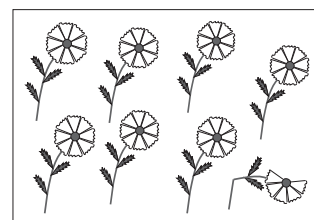
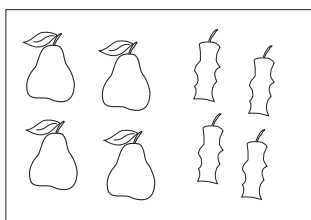
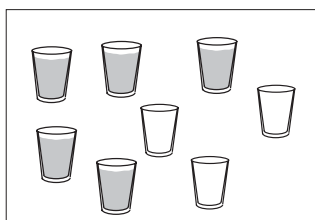
	-		=	
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2

Write additions and subtractions for the pictures.



	+		=	
	-		=	

3

Solve:

$2 - 1 = \square$

$4 - 3 = \square$

$6 - 0 = \square$

$7 - 6 = \square$

$2 - 2 = \square$

$4 - 4 = \square$

$6 - 2 = \square$

$8 - 1 = \square$

$3 - 1 = \square$

$5 - 1 = \square$

$6 - 4 = \square$

$8 - 2 = \square$

$3 - 2 = \square$

$5 - 2 = \square$

$6 - 6 = \square$

$8 - 3 = \square$

$3 - 3 = \square$

$5 - 3 = \square$

$7 - 0 = \square$

$8 - 5 = \square$

$4 - 1 = \square$

$5 - 4 = \square$

$7 - 2 = \square$

$8 - 7 = \square$

$4 - 2 = \square$

$5 - 5 = \square$

$7 - 4 = \square$

$8 - 8 = \square$

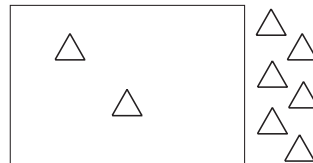
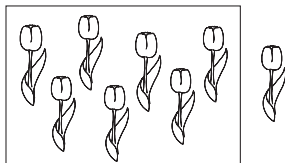
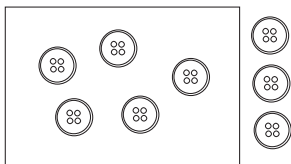
4

Write the numbers 0 to 8 in the large boxes in **decreasing** order.
Write the correct signs in the small boxes.

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1

Write additions and subtractions for the pictures.



	+		=	
	-		=	
	+		=	
	-		=	

	+		=	
	-		=	
	+		=	
	-		=	

	+		=	
	-		=	
	+		=	
	-		=	

2

Fill in the missing numbers.

$8 = 3 + \square$

$1 + 3 + \square = 8$

$3 + 1 <^4 2 + \square$

$8 = \square + 2$

$4 + 2 + 2 = \square$

$5 - 2 <^2 \square - 3$

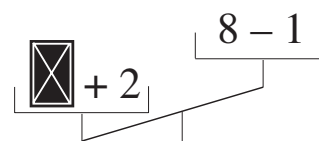
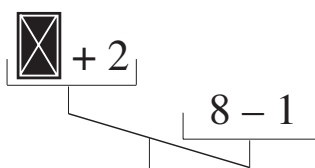
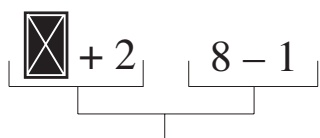
$2 = 8 - \square$

$8 - 7 + \square = 3$

$\square - 1 > 4$

3

Which numbers could be hidden under the cards? (0 to 8)



Write down the calculations.

$\square + 2 = \square - \square$

$\square + 2 < \square \square \square$

$\square + \square > \square \square \square$

$\square + 2 = \square$

$\square \square \square \square$

$\square \square \square \square$

$\square = \square$

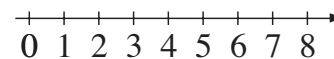
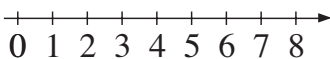
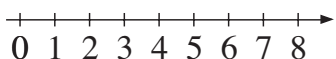
$\square \square$

$\square \square$

$\square : \square$

$\square : \square$

Show the results on the number lines.



1

(a) Continue the pattern.

$$3 = 2 + \square$$

$$4 = 2 + 2$$

$$5 = 2 + 2 + \square$$

$$6 = 2 + \square + \square$$

$$7 = 2 + \square + \square + \square$$

$$8 = 2 + \square + \square + \square$$

(b) Take away 2 as many times as possible.

$$3 - 2 = 1$$

$$6 - 2 -$$

$$4 - 2 - 2 = 0$$

$$7 - 2 -$$

$$5 - 2 -$$

$$8 - 2 -$$

2

Each shape represents a number.

The sum of the four numbers along each line must equal 8.

Do not use 0.

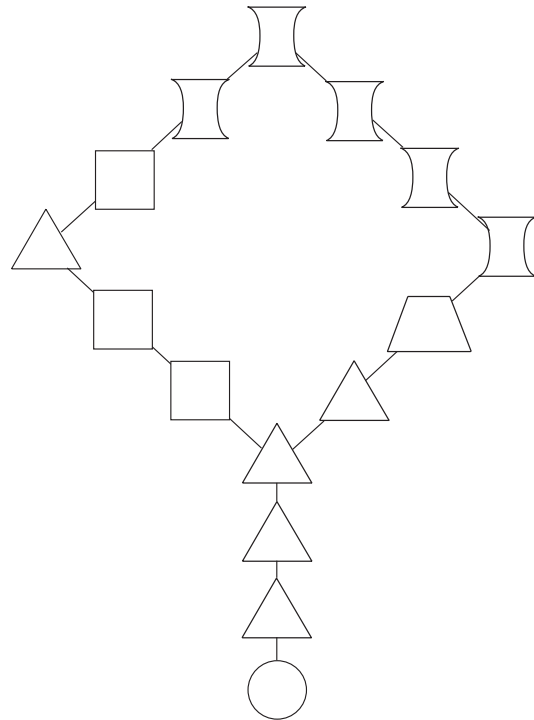
$$\text{Crescent} = \square$$

$$\text{Square} = \square$$

$$\text{Triangle} = \square$$



$$\text{Trapezoid} = \square$$

$$\text{Circle} = \square$$



3

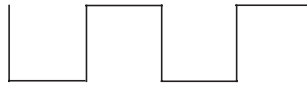
There are 8 tulips in a vase, some red and some yellow.
How many red and how many yellow tulips could there be?

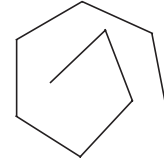
Red								
Yellow								
Total								

1

How many lines make up each shape?







2

Solve:

$6 + 1 = \square$

$7 - 2 = \square$

$1 + 1 + 1 = \square$

$2 + 2 = \square$

$3 - 3 = \square$

$2 + 2 + 2 = \square$

$5 + 3 = \square$

$8 - 1 = \square$

$5 + 1 + 2 = \square$

$1 + 0 = \square$

$6 - 0 = \square$

$4 + 1 + 1 = \square$

$4 + 2 = \square$

$8 - 7 = \square$

$3 + 3 + 2 = \square$

$8 - 4 - 4 = \square$

$3 - 2 + 5 = \square$

$3 + 2 - 5 = \square$

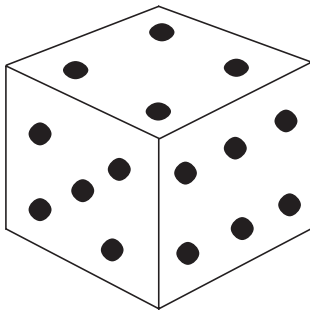
$8 - 6 - 1 = \square$

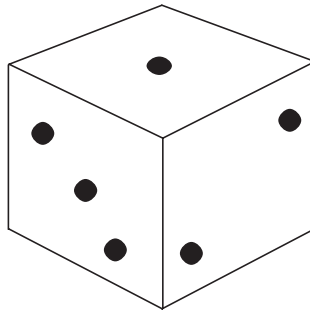
$8 - 8 + 7 = \square$

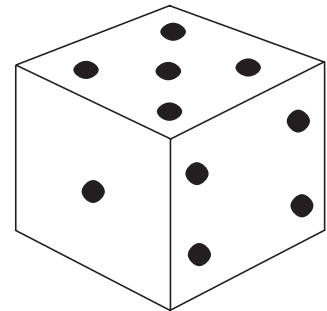
3

The total number of dots on opposite sides of a dice is 7.

How many dots are on the bottom of each dice?

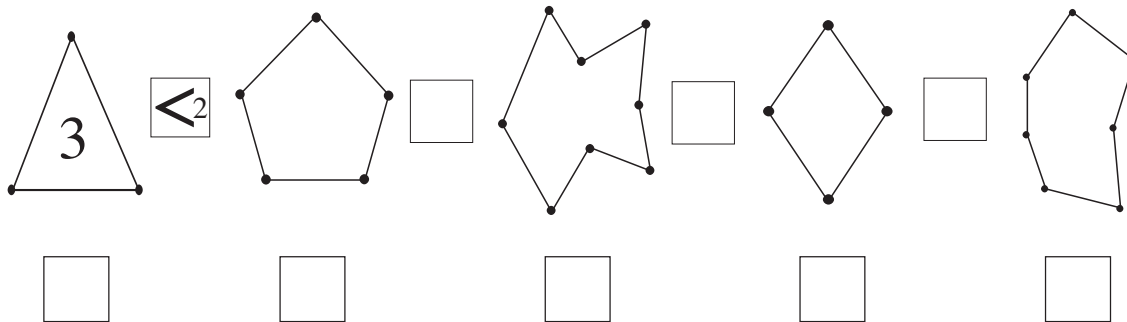






1

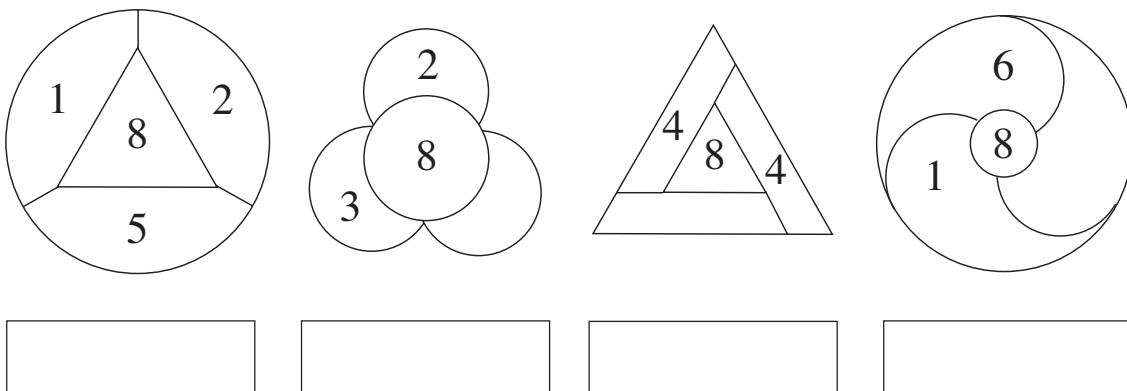
(a) Write inside each shape how many **sides** it has. Put signs between them.



(b) Write down the number of **vertices** below each shape.

2

Fill in the missing numbers. Show the rule.



3

8 girls are going to a fancy dress party. 5 girls already know what to wear.
How many still have to decide?
Write it as a subtraction.

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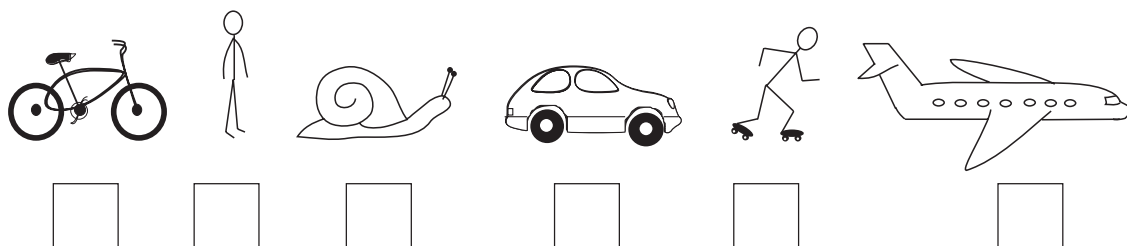
4

From Snow White's seven dwarfs, Grumpy, Dozey and Sneezzy have already left for the mine.
How many dwarfs remain at home?

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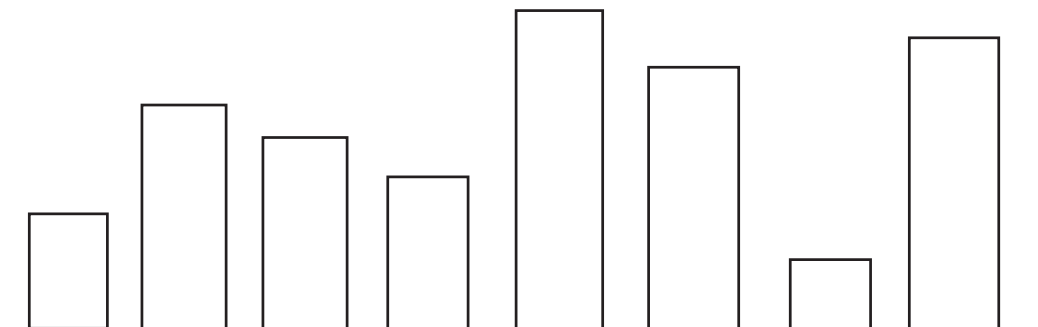
5

Which can go faster? Put them in order starting with the **slowest**.



1

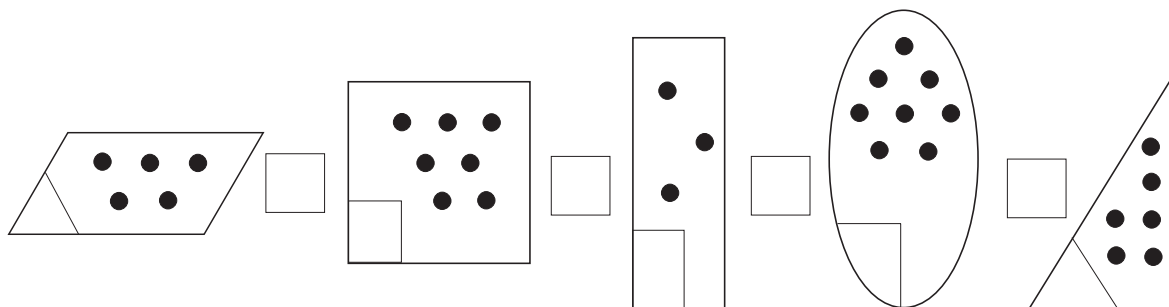
Number these rectangles in **decreasing** height order.



Tick the fifth from the right.

2

Write the number of dots and put in the correct signs. ($<$, $>$, $=$)

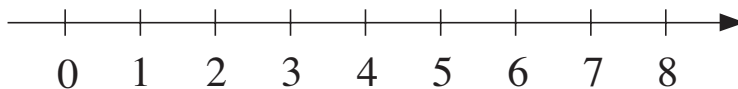


3

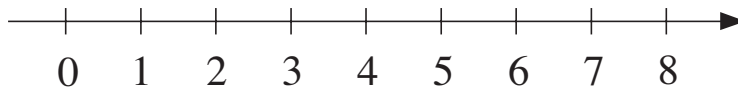
Which numbers make the statements true? (0 to 8)

Show your answers on the number line.

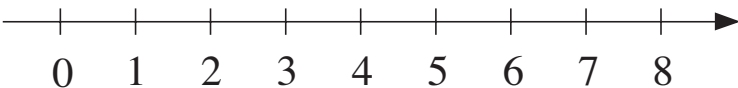
$\text{semicircle} = 4 + 3$



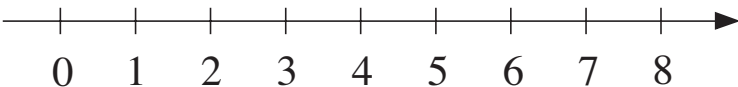
$\text{crescent} > 2$



$\text{triangle} < 7$

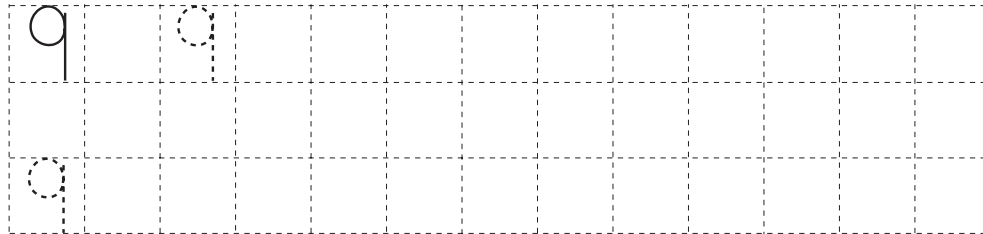
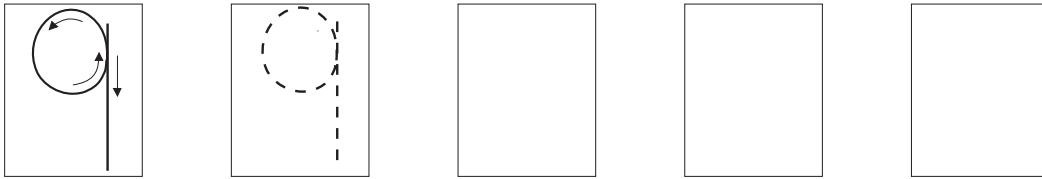


$3 < \text{house} < 8$



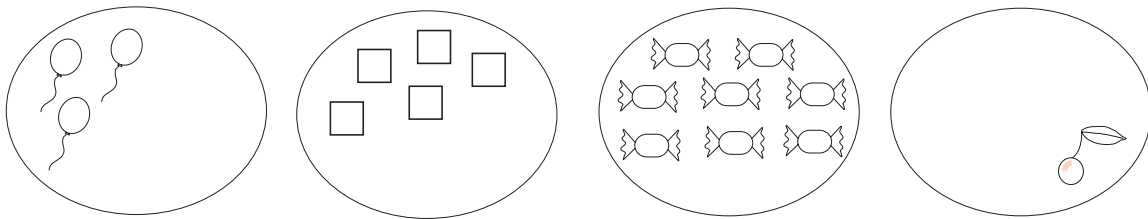
1

Continue the pattern.



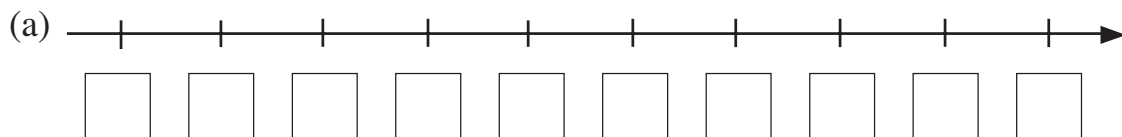
2

Complete the pictures to make 9.



3

Write the numbers 0 to 9 in the boxes.



(b) Jump from 0 in steps of 2. Put these numbers in **increasing** order.



(c) Jump back from 9 in steps of 2. Put these numbers in **decreasing** order.



4

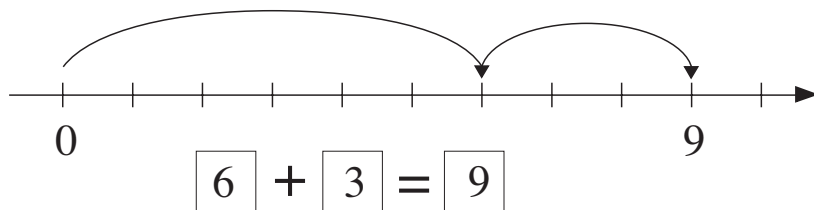
Show the answers by drawing sticks.



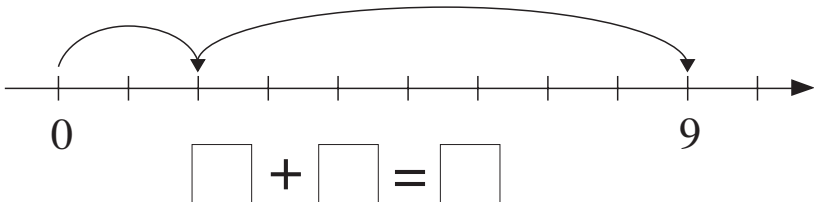
1

Bunny is jumping along the number line. Write additions for the jumps.

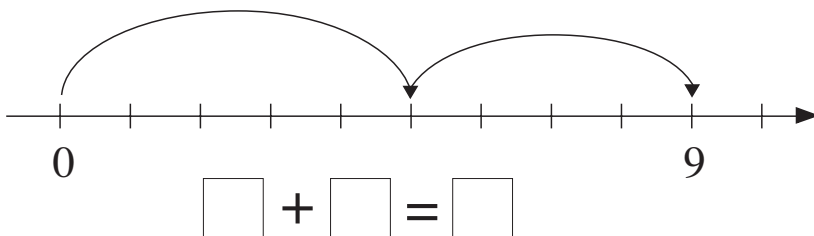
(a)



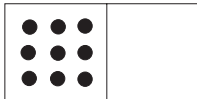
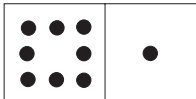
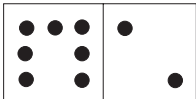
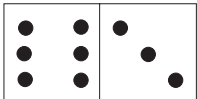
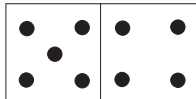
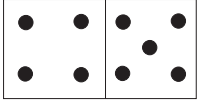
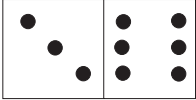
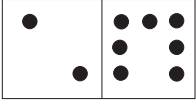
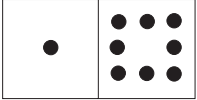
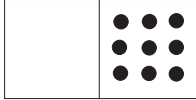
(b)



(c)

**2**

Write down the additions.

				
$9 + 0 = \square$	$\square + \square = \square$	$\square + \square = \square$	$\square + \square = \square$	$\square + \square = \square$
				
$\square + \square = \square$	$\square + \square = \square$	$\square + \square = \square$	$\square + \square = \square$	$\square + \square = \square$

3

Solve:

$1 + 2 = \square$

$3 + 4 = \square$

$5 + 1 = \square$

$2 + 3 = \square$

$3 + 5 = \square$

$6 + 0 = \square$

$3 + 4 = \square$

$3 + 6 = \square$

$6 + 3 = \square$

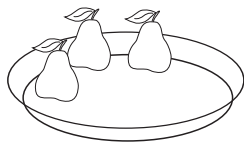
$4 + 5 = \square$

$4 + 4 = \square$

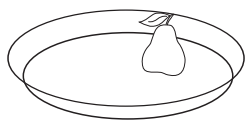
$7 + 2 = \square$

1

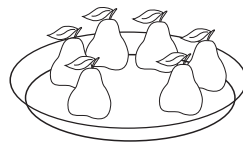
Each plate had 9 pears on it. How many pears have been eaten?
Write a subtraction about each picture.



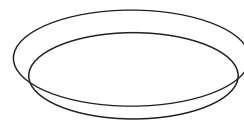
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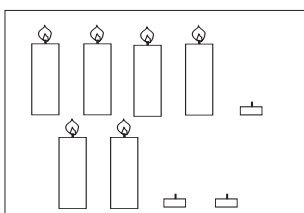
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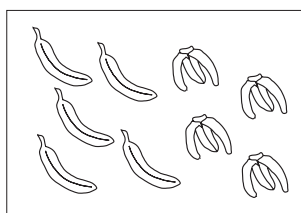
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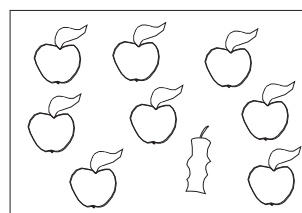
2

Write additions and subtractions about the pictures.



	+		=	
	-		=	





3

Solve:

$2 - 1 = \square$	$5 - 1 = \square$	$7 - 1 = \square$	$9 - 4 = \square$
$3 - 1 = \square$	$5 - 3 = \square$	$7 - 3 = \square$	$9 - 5 = \square$
$3 - 2 = \square$	$5 - 5 = \square$	$7 - 4 = \square$	$9 - 6 = \square$
$4 - 0 = \square$	$6 - 1 = \square$	$7 - 6 = \square$	$9 - 7 = \square$
$4 - 2 = \square$	$6 - 2 = \square$	$8 - 1 = \square$	$9 - 8 = \square$
$4 - 4 = \square$	$6 - 5 = \square$	$9 - 2 = \square$	$9 - 9 = \square$

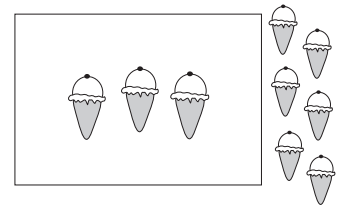
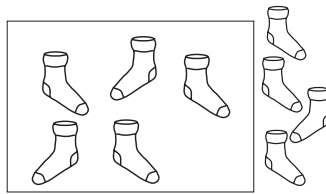
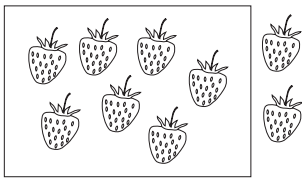
4

Fill in the missing numbers.

9	2	0	3		5		7		9		4		1
	7	9		4		6		7		1		7	5

1

Write an addition and a subtraction about each picture.



	+		=	
	-		=	

2

Fill in the missing numbers.

$9 = 1 + \square$

$1 + 2 + \square = 9$

$1 + 5 <^3 4 + \square$

$9 = \square + 4$

$3 + 3 + 3 = \square$

$6 - 1 <^3 \square - 1$

$5 = \square - 4$

$9 - 7 - 1 = \square$

$2 + 7 >^3 2 + \square$

$2 = 9 - \square$

$9 - 8 + \square = 3$

$\square - 1 > 6$

$3 + \square = 9$

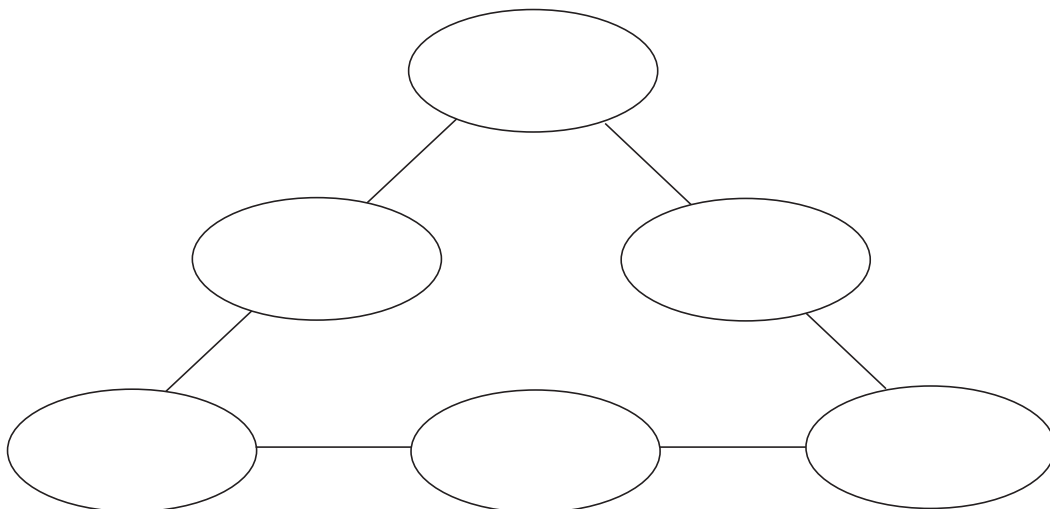
$\square - 3 - 6 = 0$

$9 - \square = 8$

$9 - \square + 4 = 9$

3

Draw different numbers of eggs on the plates so that there are 9 eggs in total along each line.



1

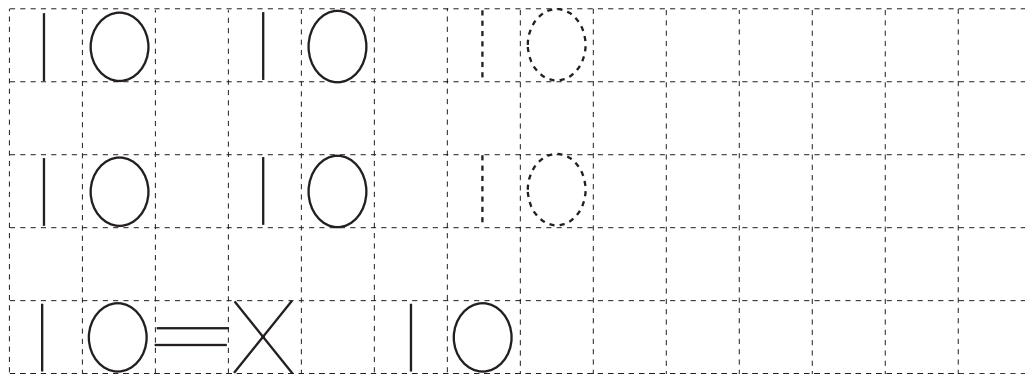
Write the numbers from 0 to 10 in the boxes below.



Draw a red dot on 0, a green dot on 1, a red dot on 2, a green dot on 3 and so on.

2

Continue the pattern.



3

Write additions and subtractions for:



$$6 + 4 = \square$$

$$4 + 6 = \square$$

$$10 - \square = \square$$

$$10 - \square = \square$$



$$\square + \square = \square$$

$$\square + \square = \square$$

$$10 - \square = \square$$

$$10 - \square = \square$$

4

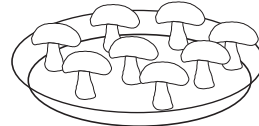
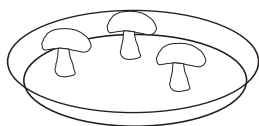
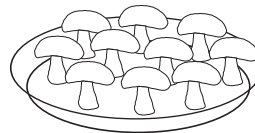
Write additions for:



1

There were 10 mushrooms on each plate.

How many mushrooms have been taken away?
Write equations about each plate.



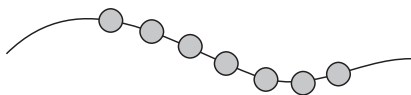
6	+		=	10
10	-		=	6

	+		=	
	-		=	

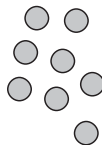
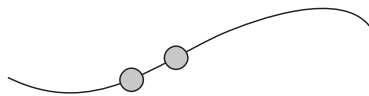
	+		=	
	-		=	

2

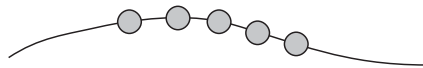
There were 10 beads on every piece of string but some have fallen off.
Write subtractions for each string.



$10 - 3 = \square$



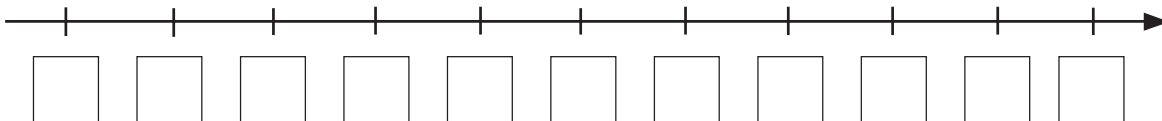
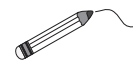
$10 - 8 = \square$



$10 - \square = \square$

3

Fill in the missing numbers. Show where we end up if we move:



- (a) 5 to the right of 4
- (b) 6 to the left of 10
- (c) 7 to the left of 7
- (d) 2 to the right of 8.

4

Fill in the missing numbers.

$$2 \xrightarrow{+3} \square \xrightarrow{+1} \square \xrightarrow{+4} \square \xrightarrow{-\square} 7$$

1

Solve:

$10 - 0 = \square$

$10 - 5 = \square$

$10 - 9 = \square$

$10 - 1 = \square$

$10 - 6 = \square$

$10 - 10 = \square$

$10 - 2 = \square$

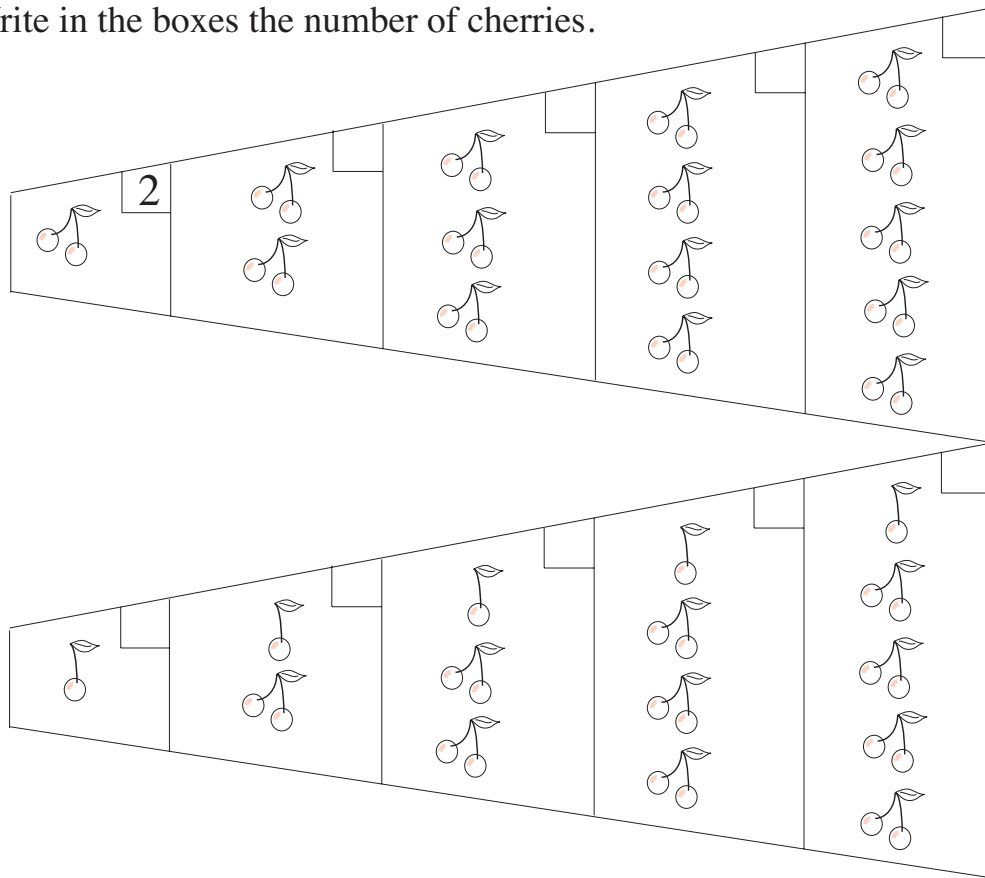
$10 - 7 = \square$

$10 - 3 = \square$

$10 - 8 = \square$

2

Write in the boxes the number of cherries.

**3**

Complete the sums.

$10 + 0 = \square$

$2 + \square = \square$

$\square + 5 = \square$

$8 + 2 = \square$

$0 + 10 = \square$

$\square + \square = \square$

$\square + 4 = 10$

$1 + 9 = \square$

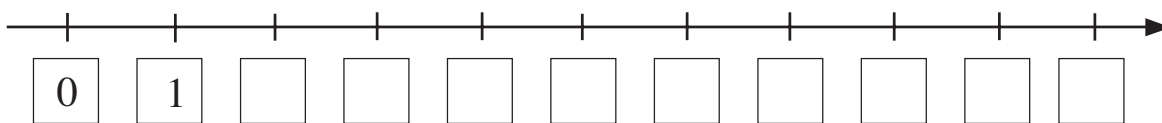
$9 + \square = 10$

$\square + \square = \square$

$3 + \square = 10$

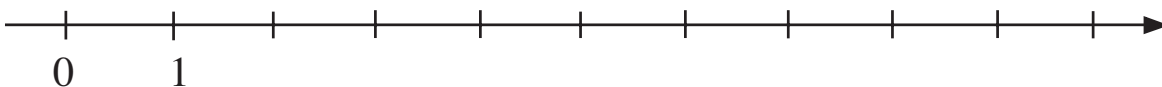
1

Write the numbers below the line.



Jump from 0 in steps of 2. Put those numbers in increasing order.

$$\square < \square < \square < \square < \square$$

2

Find the point 9. Step 2 to the left 4 times. Mark these numbers with blue dots.

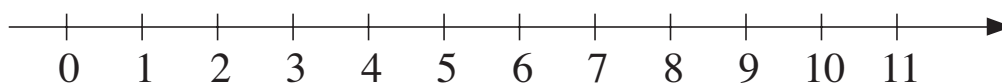
Complete: $9 \xrightarrow{-2} \square \xrightarrow{-2} \square \xrightarrow{-2} \square \xrightarrow{-2} \square$

$$9 \quad 2 > \quad 7 \quad 2 > \quad \square \quad 2 > \quad \square \quad 2 > \quad \square$$

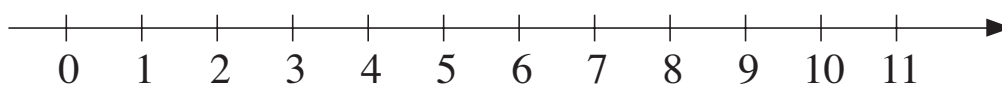
3

Which numbers could I be thinking of? Mark them on the number line.

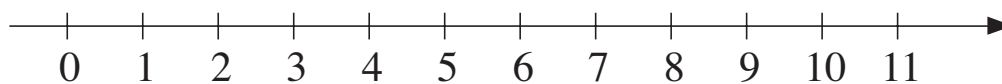
(a) Odd numbers greater than 6.



(b) Even numbers smaller than 5.



(c) The next nearest odd number to 7.

**4**

Fill in the missing numbers.

$$2 + \square + 2 = 10$$

$$4 + \square - 3 = 4$$

$$4 + \square + 5 = 9$$

$$3 - \square + 7 = 10$$

$$\square + 3 - 2 = 5$$

$$9 - \square + \square = 9$$