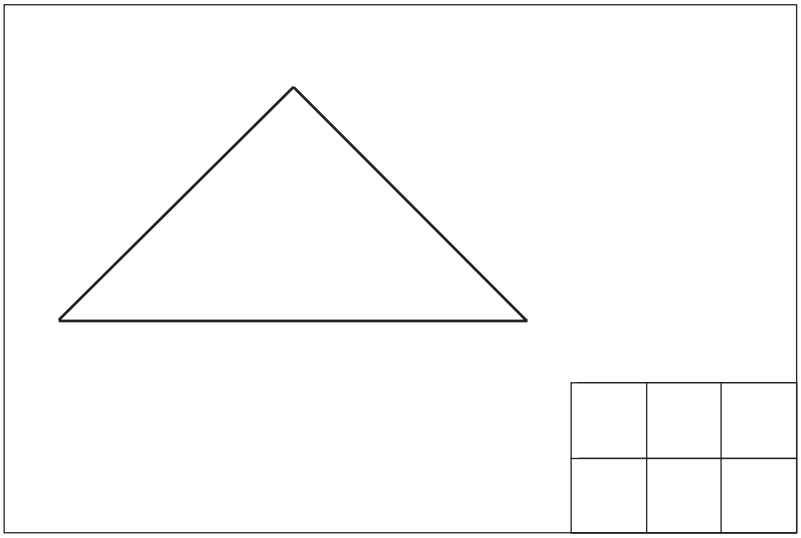
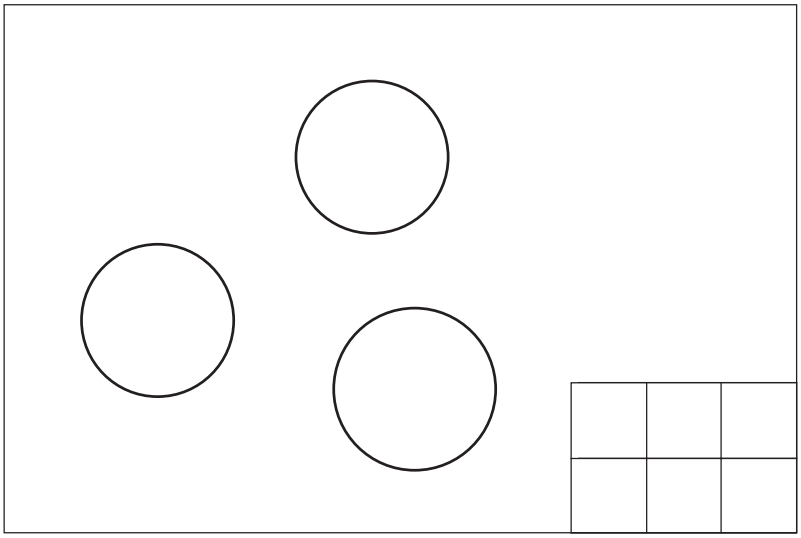
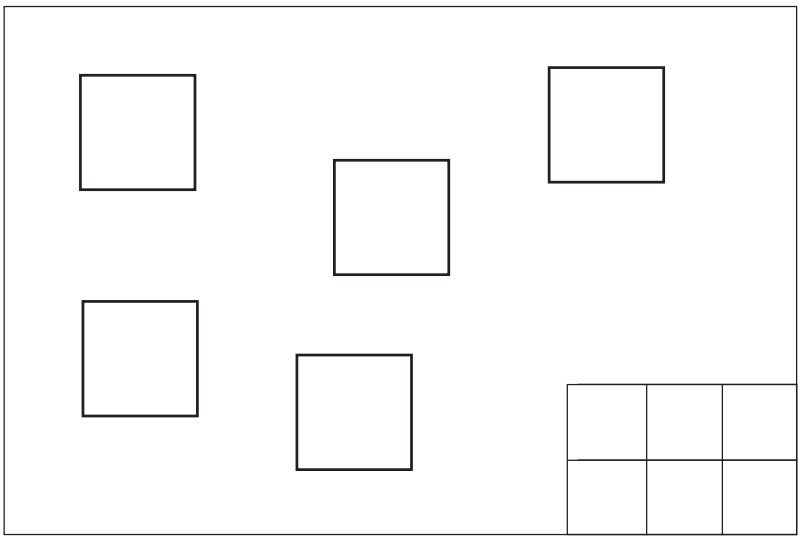
1 Draw a dot in a box for every shape in each picture.



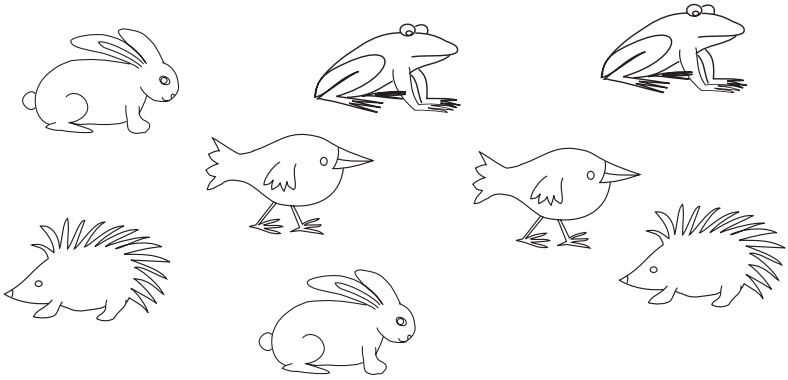




1

Draw lines to match up each **pair** of animals.

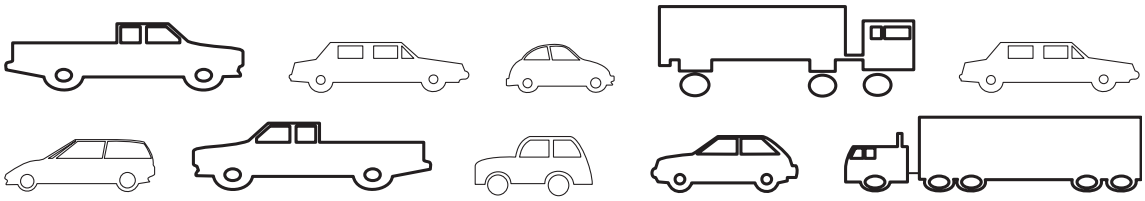
Colour the animals from each pair in the **same** colour.



Draw a dot in a box for every **pair** of animals.

2

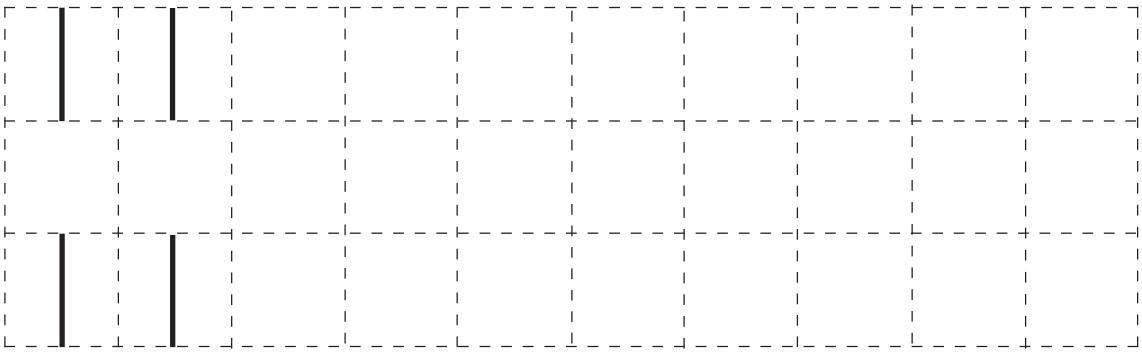
Colour the **same** vehicles in the **sam**e colours.



Draw a dot in a box for every **lorry** in the picture.

3

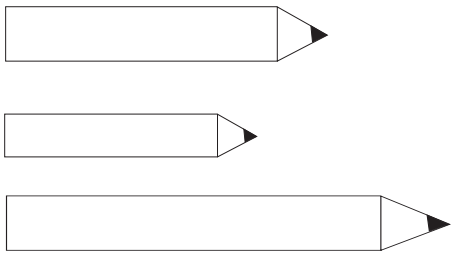
Continue the pattern.



1

Colour the **longest** pencil yellow.

Colour the **shortest** pencil green.



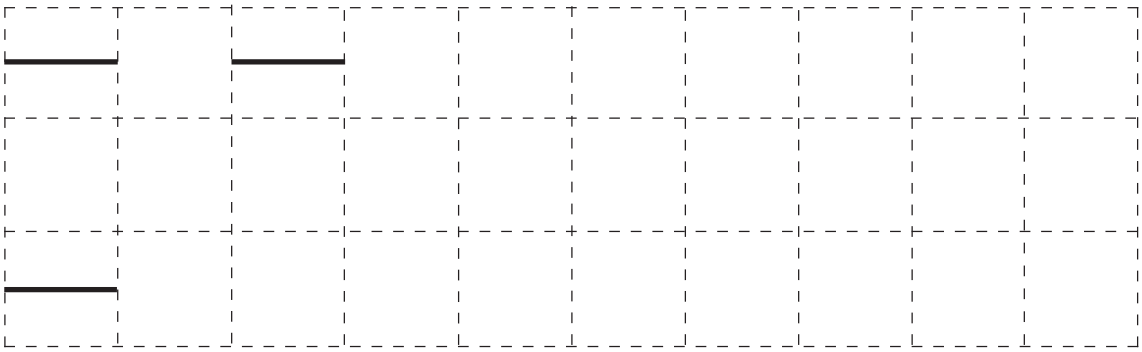
2

Colour the **tallest** house red.

Colour the **smallest** house blue.

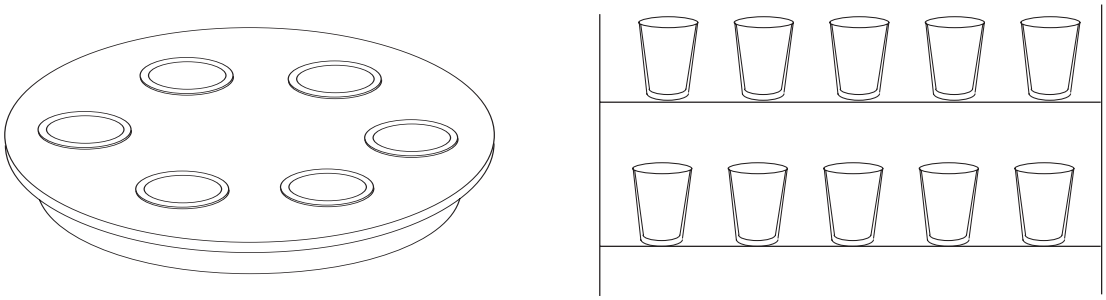
3

Continue the pattern.



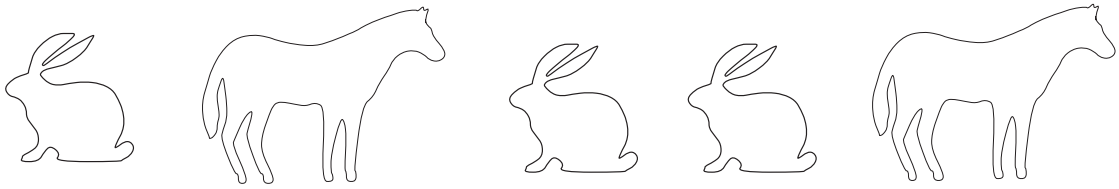
4

Colour blue as many glasses as there are plates on the table.

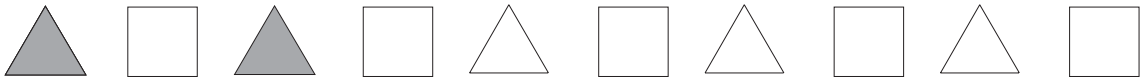


1 Circle the car which does not match.

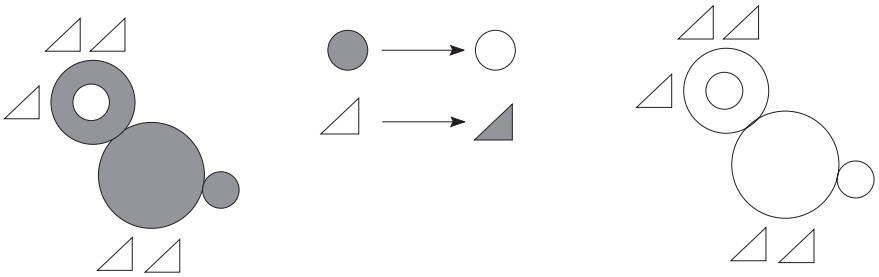
2 Colour the **same** animals in the **same** colour.



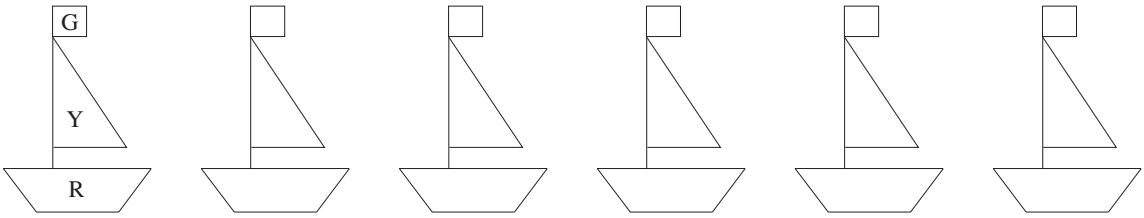
3 Continue the shading pattern.



4 Change the shading as shown.

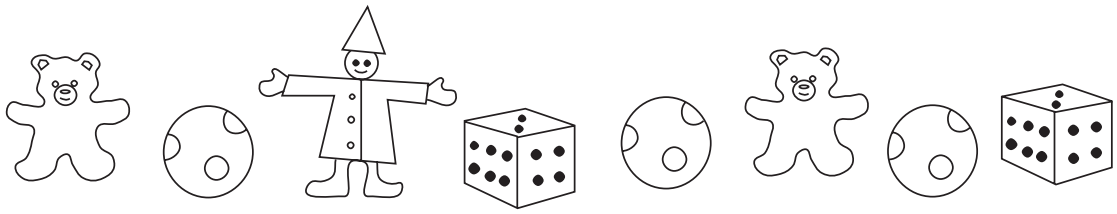


5 Colour the boats in different ways. Use green, yellow and red.



1

Colour the **same** toys in the **same** colour.



Draw a ____ line beneath the toy of which there is only one.

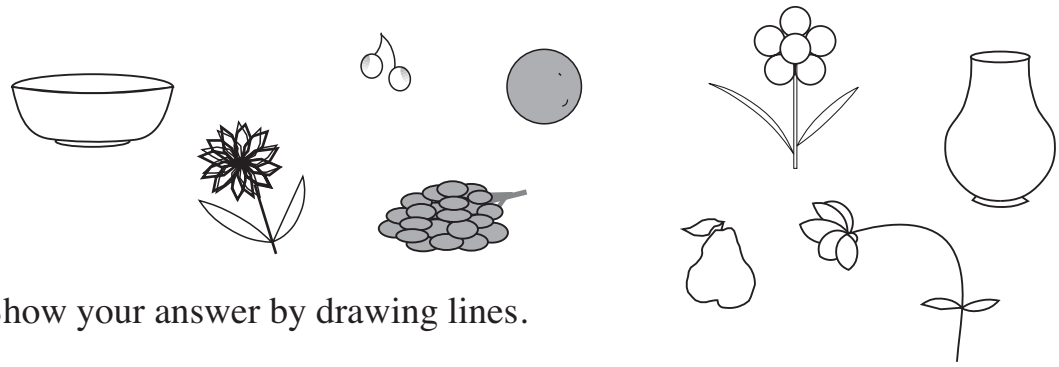
2

Draw around the group which has **less** ice-creams.

Draw as many dots in the grids as there are ice-creams.

3

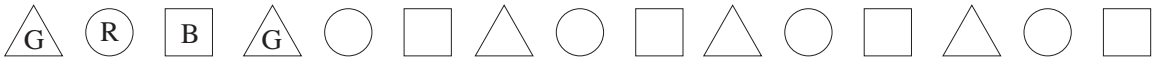
Where would you put the fruit and where would you put the flowers?



Show your answer by drawing lines.

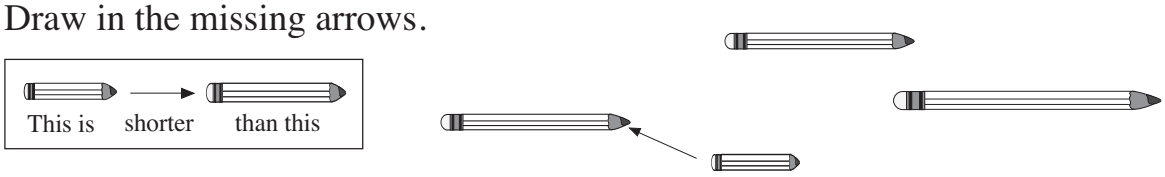
4

Colour in the first 4 shapes as shown. Continue the colouring pattern.



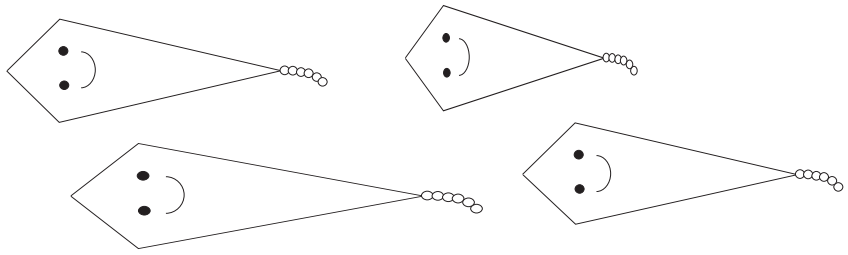
5

Draw in the missing arrows.



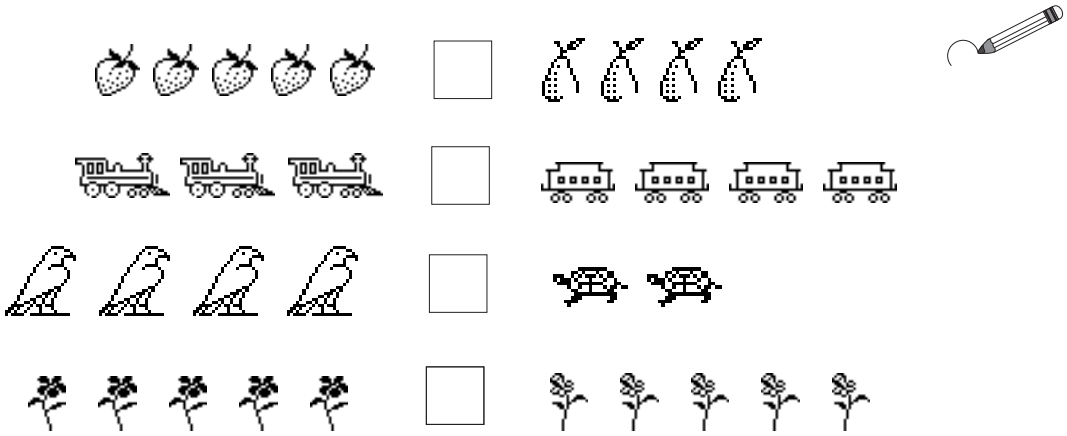
1

Colour the **longest** kite red and the **shortest** kite blue.



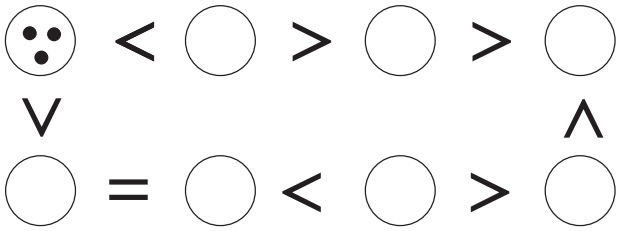
2

Compare the pictures. Draw around the group which has **more**.
Draw signs: <, > or =



3

Draw dots on the balls to make the signs correct.



4

Draw lines in the boxes so that the signs are correct.

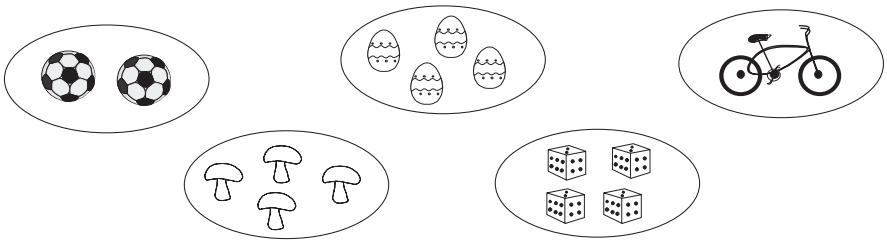
□ < II < □ □ + II = III > □ + □

I + □ > II □ + □ < III = I + □

III < □ = □ □ + □ > II > □ + □

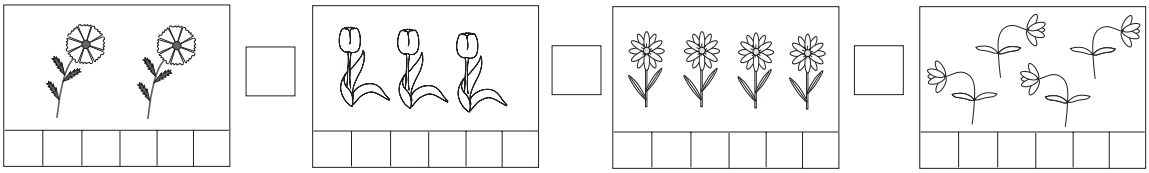
1

Join up the pictures which have the **same** number of objects.



2

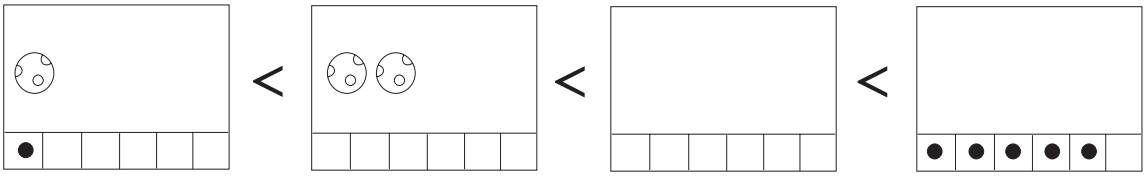
Draw as many dots in the grid as there are flowers in each picture.



Compare the pictures. Write >, < or = between the pictures.

3

Complete the drawings to make the signs correct.



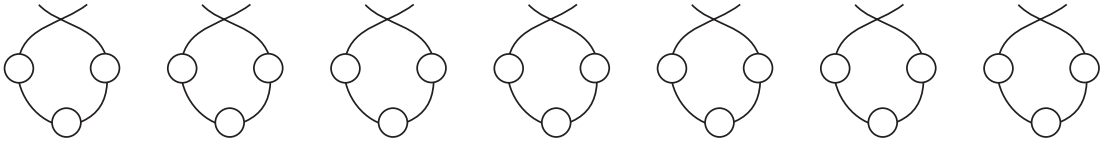
4

Complete the table.

○	○ ○	○ ○ ○	○ ○ ○ ○	○ ○ ○ ○ ○
□ □	□ □ □	□ □ □ □		
△ △ △	△ △ △ △			

5

Colour the beads in different ways. Use red or blue.

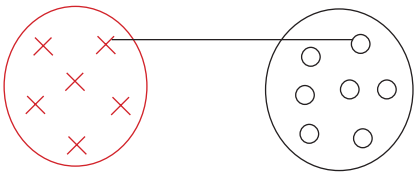


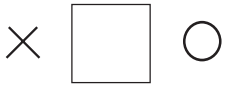
1

Match up the elements as shown.

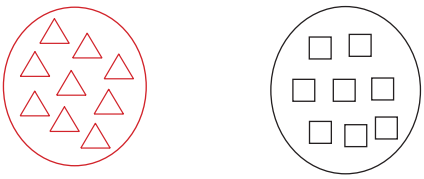
Which has more?
Write < or > in the box.

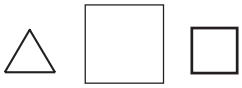
a)





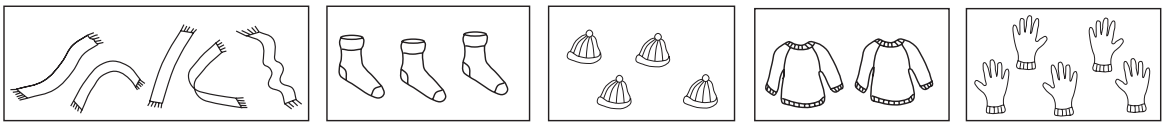
b)

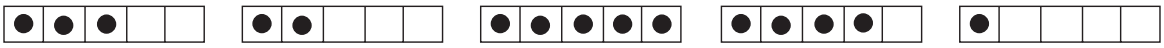




2

Match the pictures to the correct number of dots.

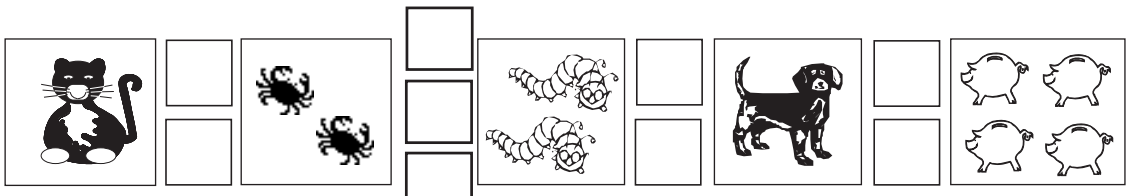




3 2 5 4 1

3

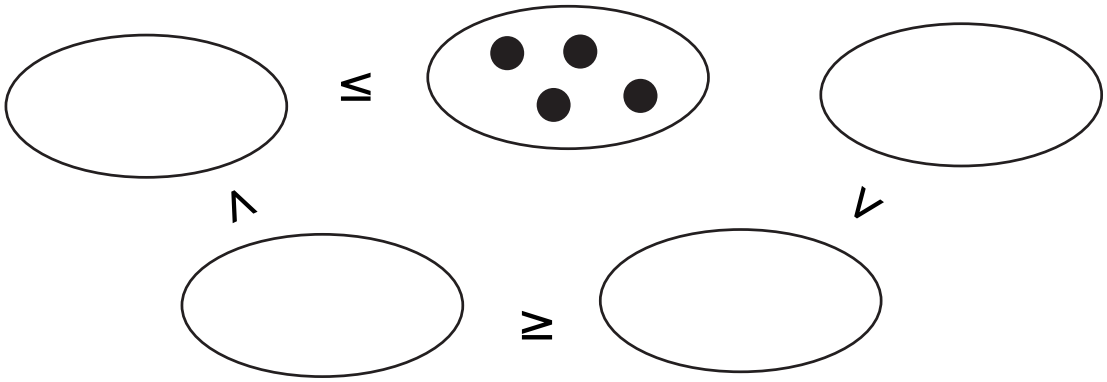
Compare the pictures: use >, <, =, ≥ or ≤.



1 2 2 1 4

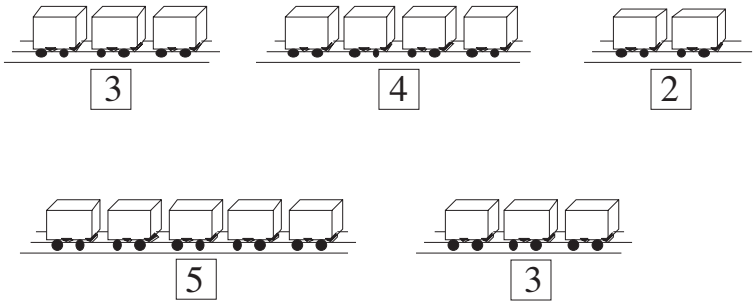
4

Complete the drawings to make the signs correct.



1

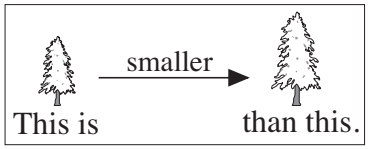
Join up the trains which are the **same** length.

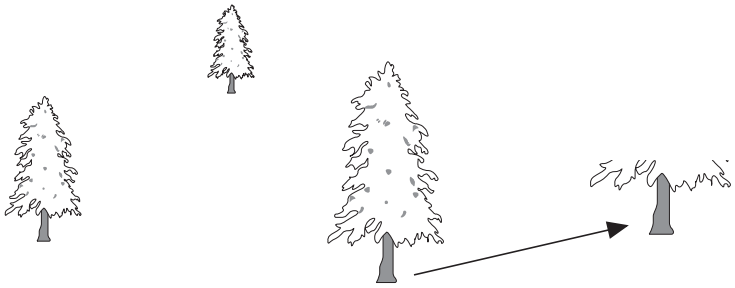


Colour the **longest** train red and the **shortest** train blue.

2

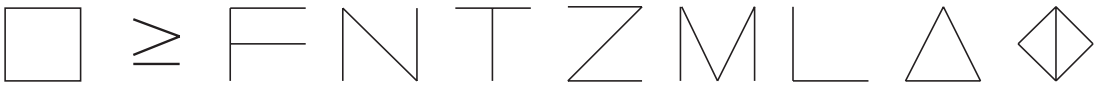
Complete the drawing of the tree. Draw arrows towards the **taller** tree.





3

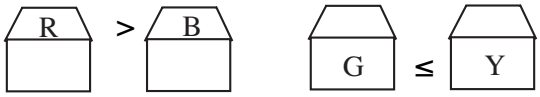
a) Draw around the shapes which have **less** sticks than, or the **same** number of sticks as, the shape at the start of the row.

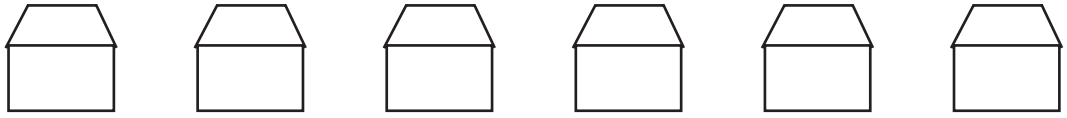


b) Draw around the shapes which have **more** sticks than, or the **same** number of sticks as, the shape at the start of the row.

4

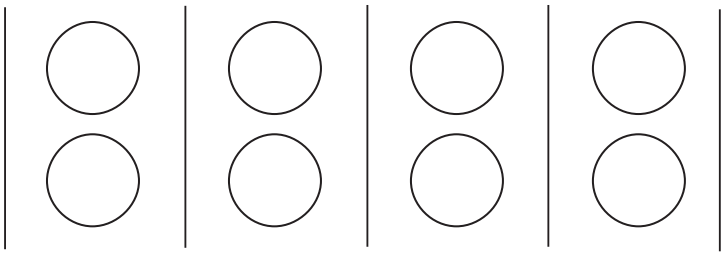
Colour in the houses as shown.





1

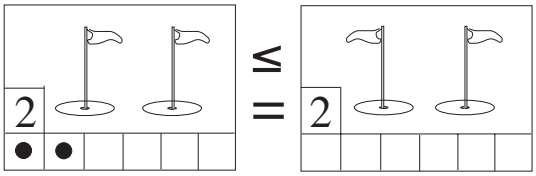
Show how Paul can choose **two** balls from a red ball, a white ball and a green ball.



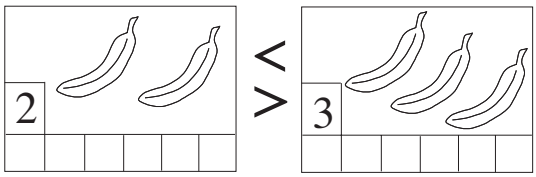
2

Draw the matching number of dots in the grid. Circle the **correct** signs.

a)

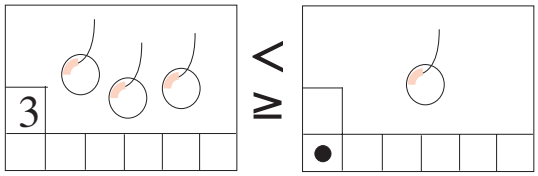


b)

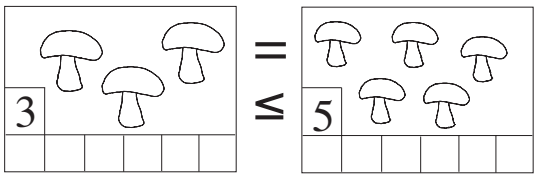


Draw the matching number of dots in the grid. Cross out the **wrong** signs.

c)

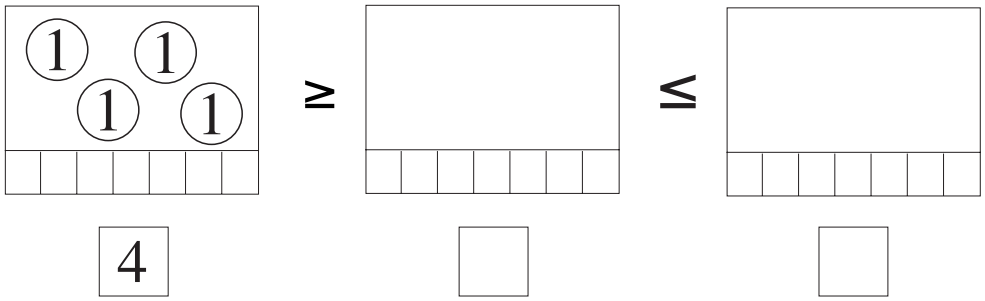


d)



3

Complete the pictures to match the signs.



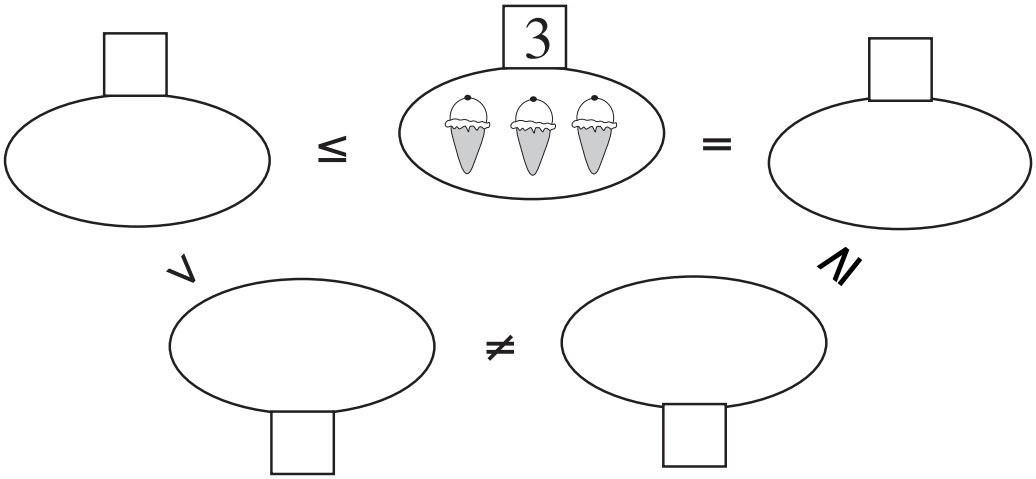
4

Show different ways to share a red ball, a white ball and a green ball between Ann and Bob.

A	R								
B	W G								

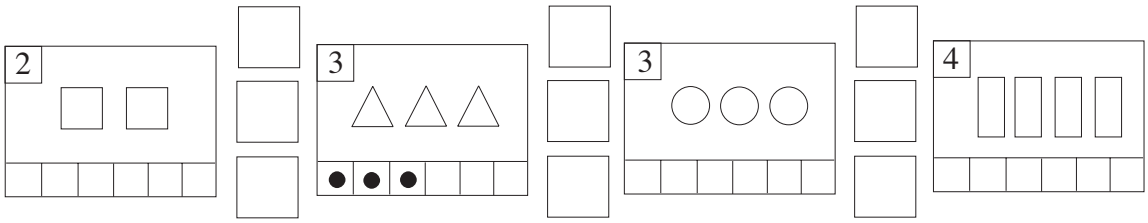
1

Complete the drawings to make the signs correct.



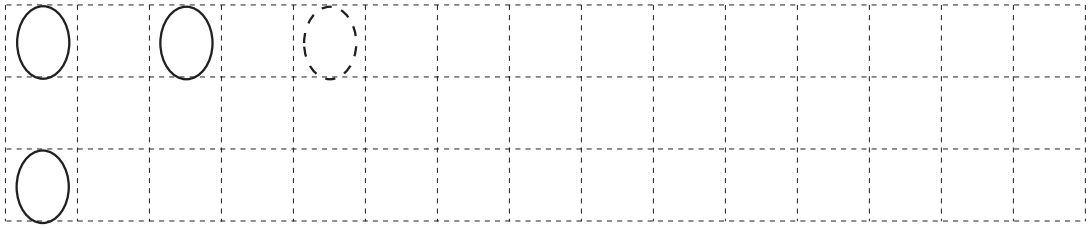
2

Draw matching dots in the grids and write correct signs between the pictures.



3

Continue the pattern.

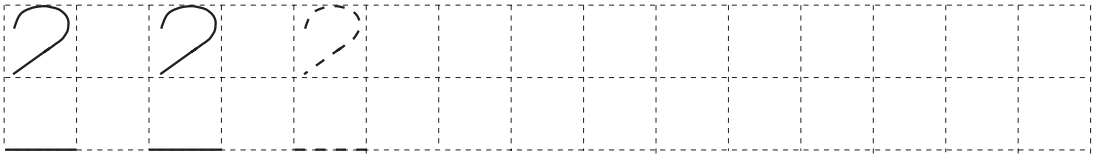


4

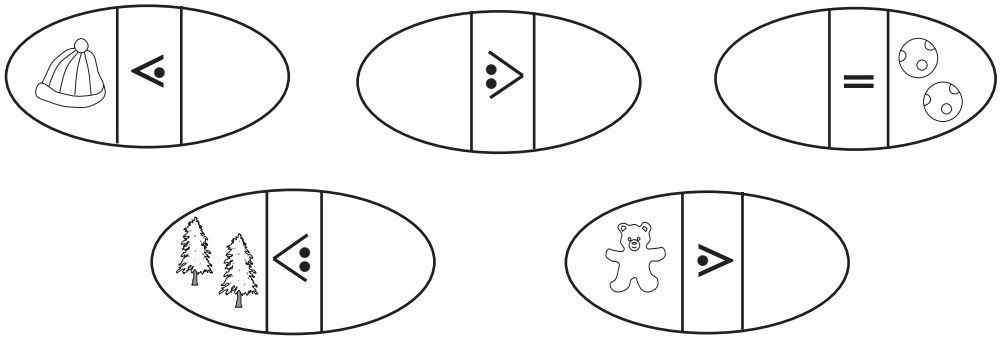
Draw **less** objects and **more** objects than the number in the middle.

Less		**More**
	● ● ● ● 4	
	● ● ● 3	

1 Continue the pattern.



2 Complete the drawings according to the signs.



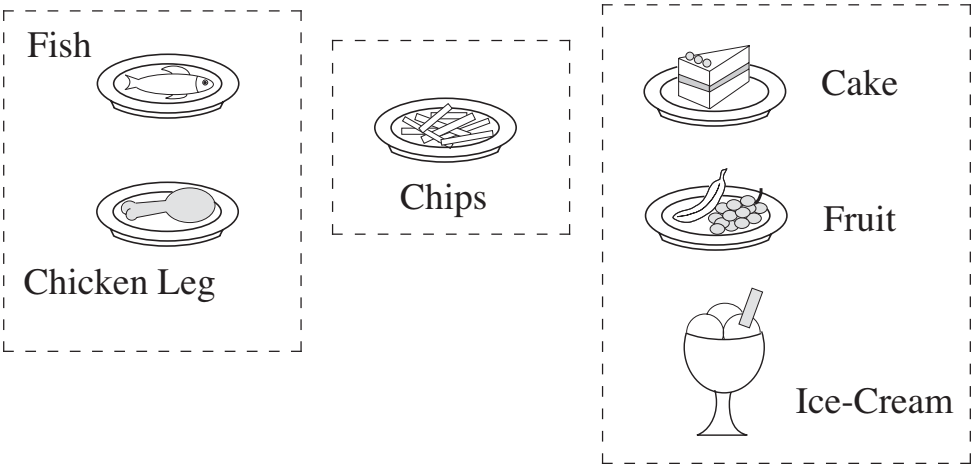
3 Write the correct signs in the boxes.

II □ II + I □ III □ I + I + I □ I

4 Continue the pattern.

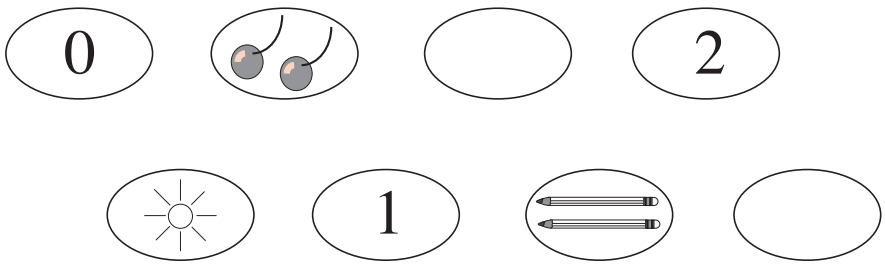
△ △ ○ △ △ ○ △

5 Show different ways to choose a meal.



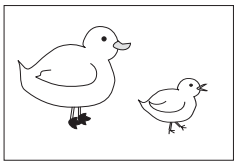
1

Join up the pictures which show the same number.

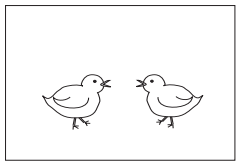


2

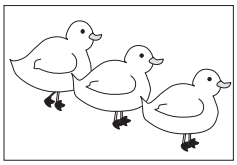
How many little **chicks** are in each picture? Circle the correct number.



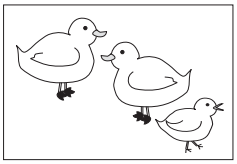
0 1 2



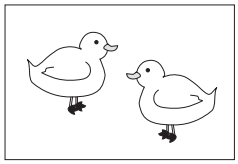
1 0 2



2 1 0

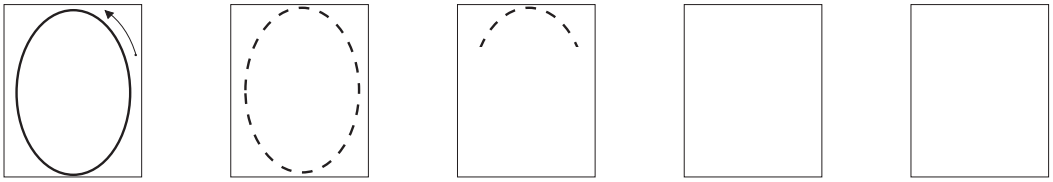


0 2 1

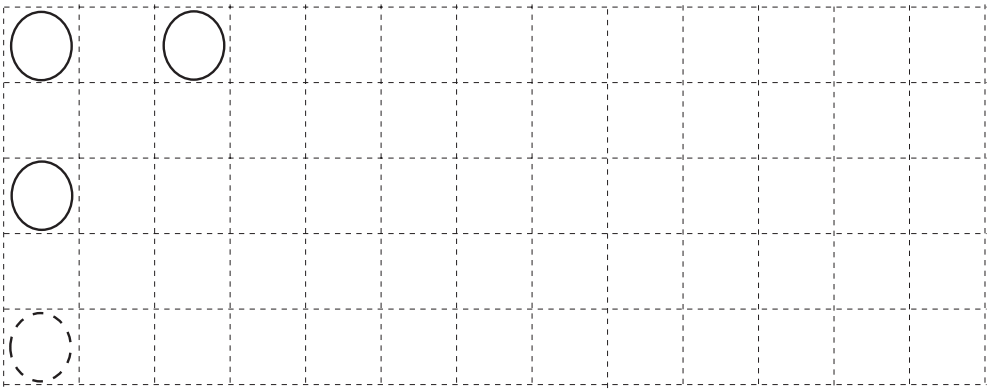


1 2 0

3

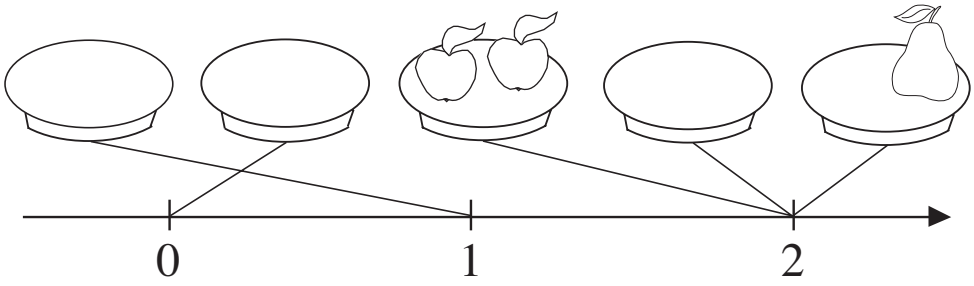


4



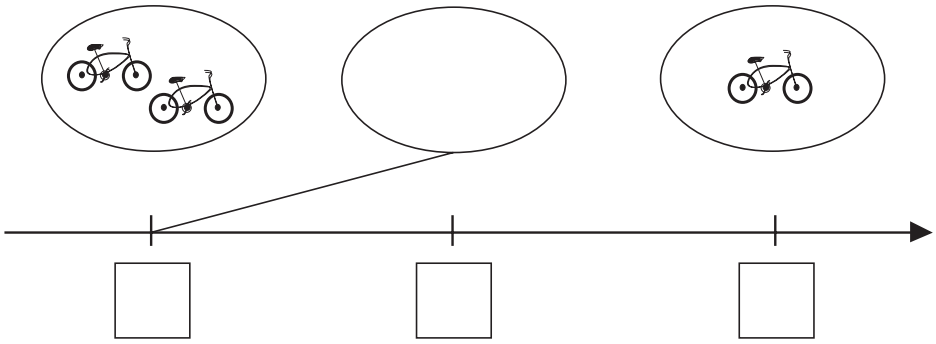
1

Complete the pictures.

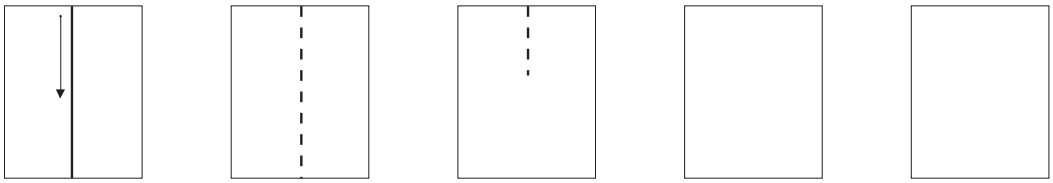


2

Write the missing numbers in the boxes under the number line.
Join the pictures to the number line.

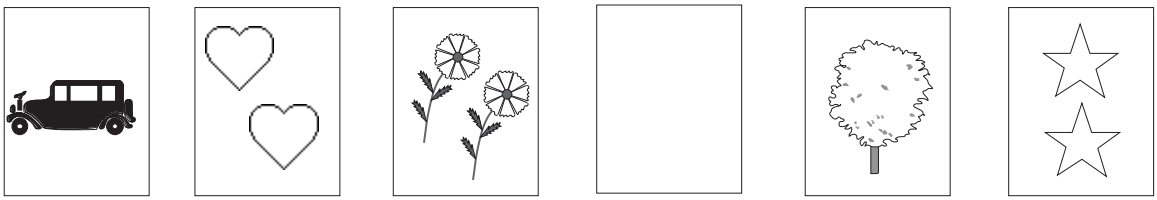


3



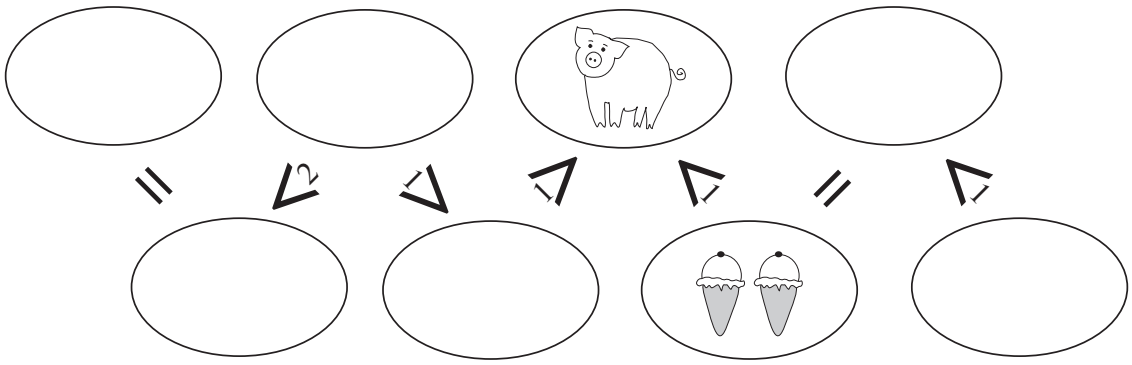
4

Write the correct numbers and signs in the boxes: 0, 2, <, >, =

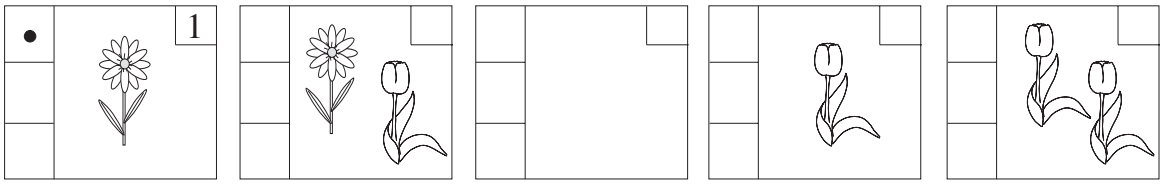


1	<	2								

1 Draw a picture in each circle to make the signs correct.

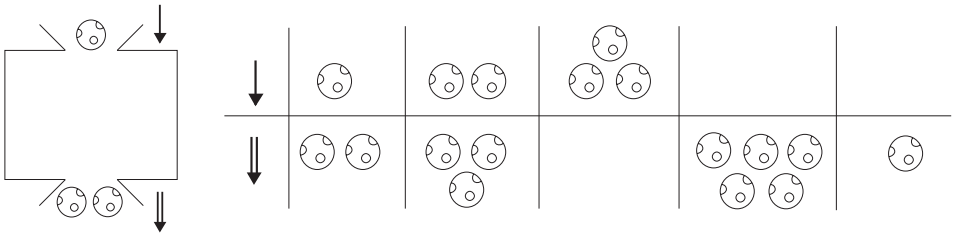


2 Draw the correct number of dots in the grid beside each picture.
Write the number in the box.

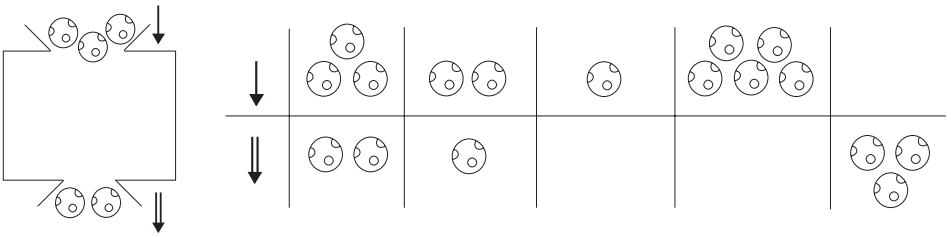


3 What is the machine doing? Complete the pictures.

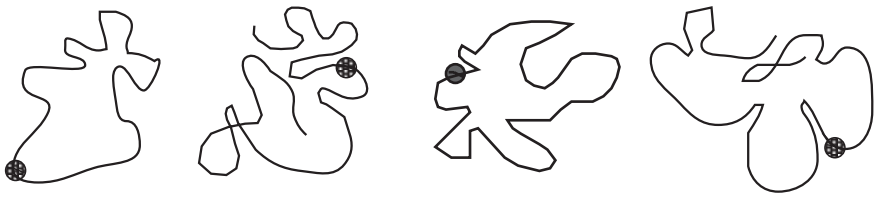
a)



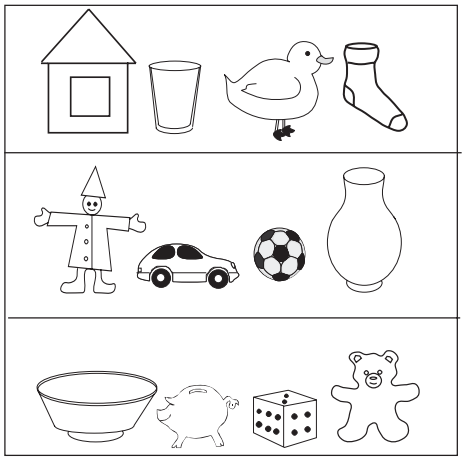
b)



4 Colour over the thread which could lose its bead.



1



How many balls can you see?

How many animals are there?

How many clothes are there?

Colour yellow the toy **above** the ball.

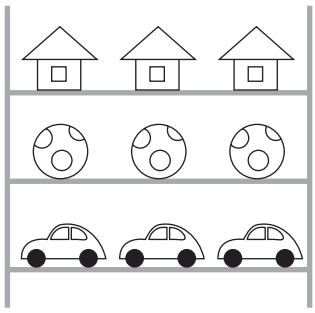
Colour red the toy to the **left** of the ball.

Colour blue the toy to the **right** of the ball.

Draw the toy which is **in front of** the car.

Draw the toy which is **behind** the car.

2

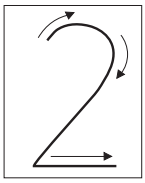


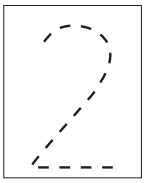
Draw one of the toys on the **top** shelf.

Colour red the first toy from the left on the **middle** shelf.

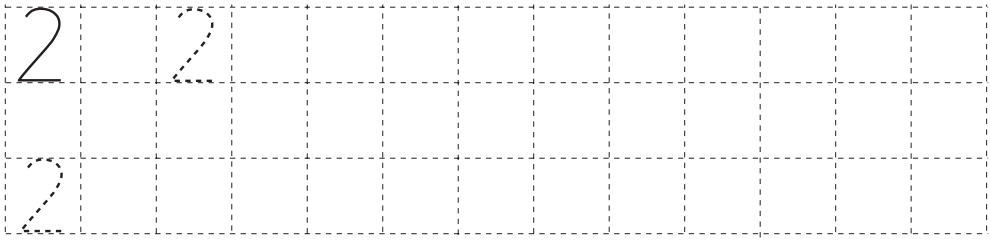
Colour green the second toy from the right on the **bottom** shelf.

3



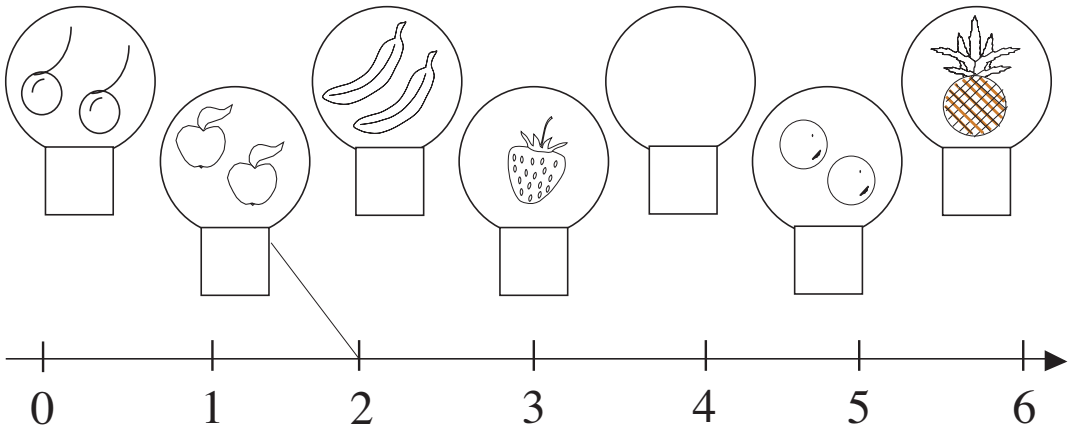


4



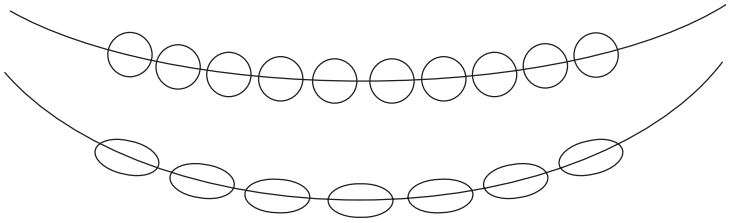
1

Join the pictures to the corresponding point on the number line.
Write the numbers below the pictures.



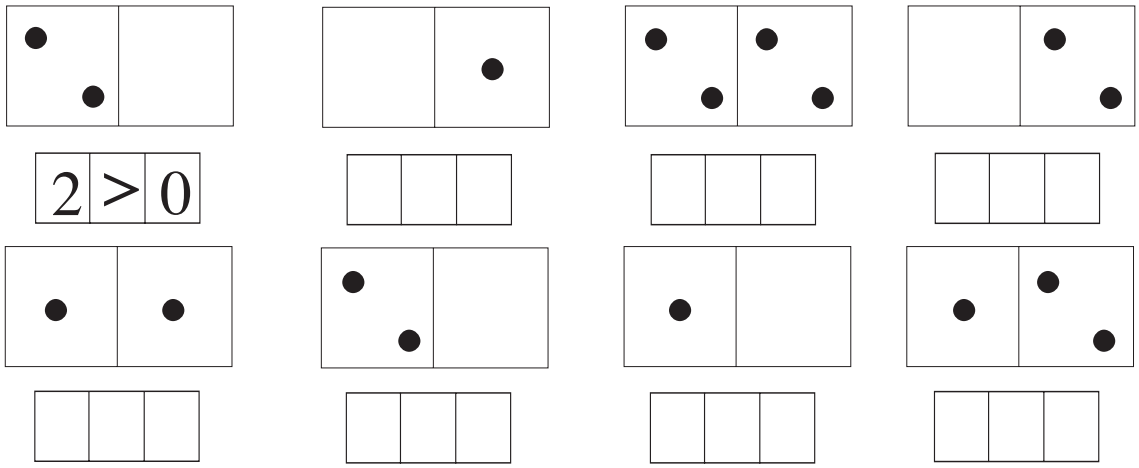
2

Colour the necklace which has **more** beads.



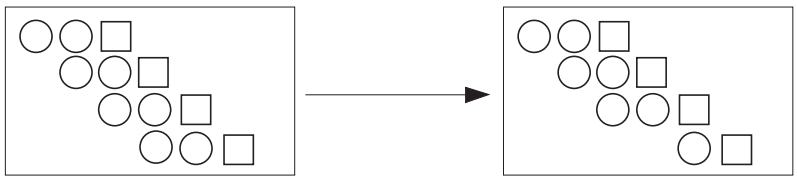
3

Compare the two parts of each domino. Write it down using numbers and signs.

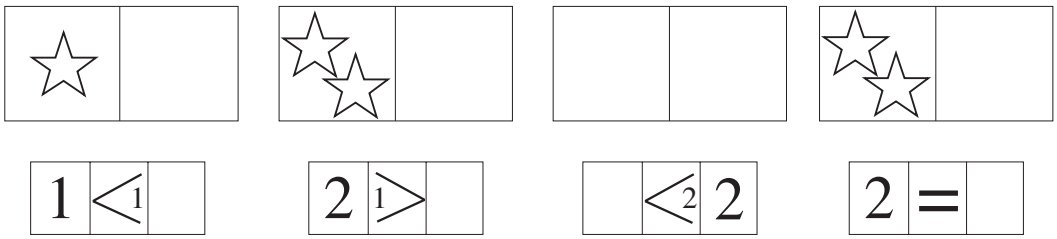


4

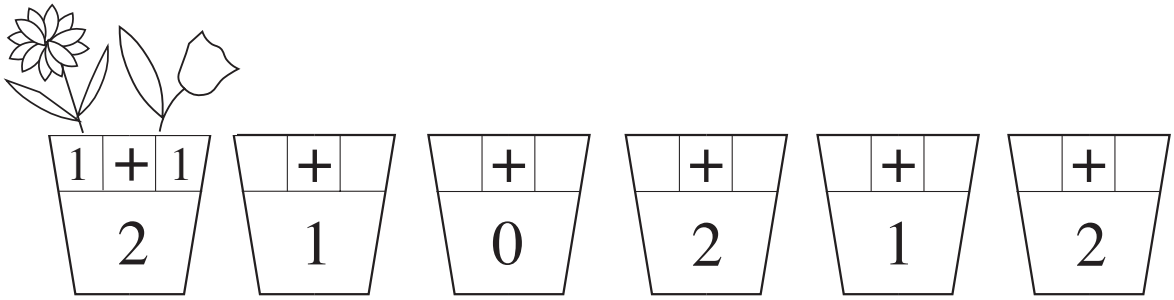
Colour the row which is different.



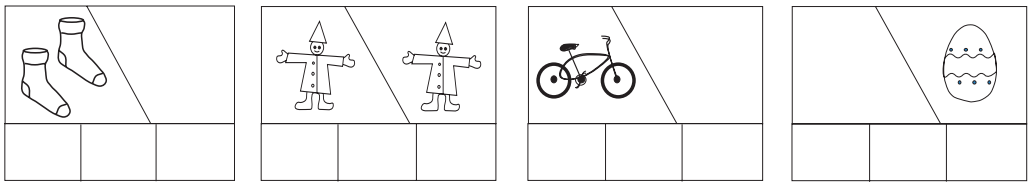
1 Complete the right-hand side of each picture to match the numbers and signs.



2 Draw flowers in the pots to match the numbers. Use different ways.



3 Write down additions which describe the pictures.



4 Fill in the missing numbers.

$0 + 0 = \square$ $\quad 0 + 1 = \square$ $\quad 0 + 2 = \square$

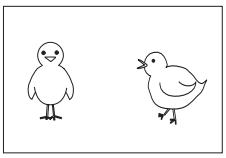
$1 + 0 = \square$ $\quad 1 + 1 = \square$ $\quad 2 + 0 = \square$

5 Fill in the missing numbers.

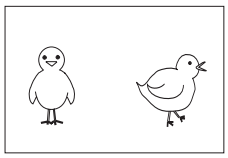
$\square = 0 + 1$ $\quad \square = 1 + 1$ $\quad \square = 2 + 1$

$\square = 0 + 0$ $\quad \square = 0 + 2$ $\quad \square = 1 + 0$

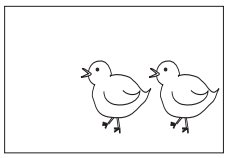
1 Complete the equations to match the pictures.



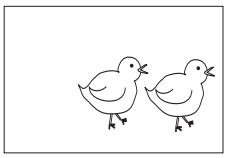
1 + 1 = ☐



2 − 1 = ☐

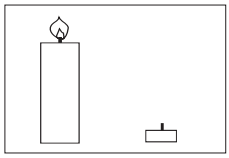


0 + ☐ = ☐

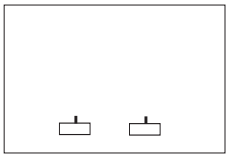


2 − ☐ = ☐

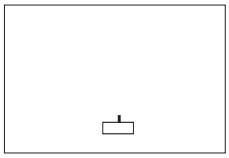
2 What do the pictures tell you? Complete the subtractions.



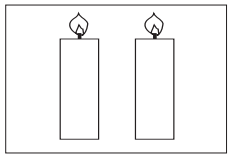
☐ − 1 = 1



☐ − 2 = 0

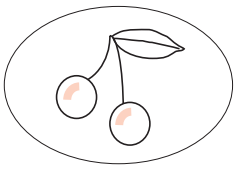


☐ − 1 = 0

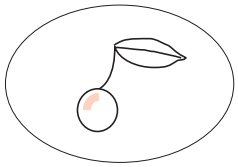


☐ − 0 = 2

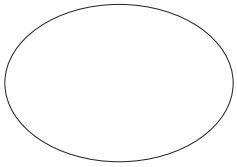
3 What do the pictures tell you? Complete the subtractions.



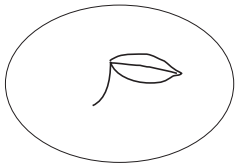
2 − ☐ = 2



1 − ☐ = 1



0 − ☐ = 0



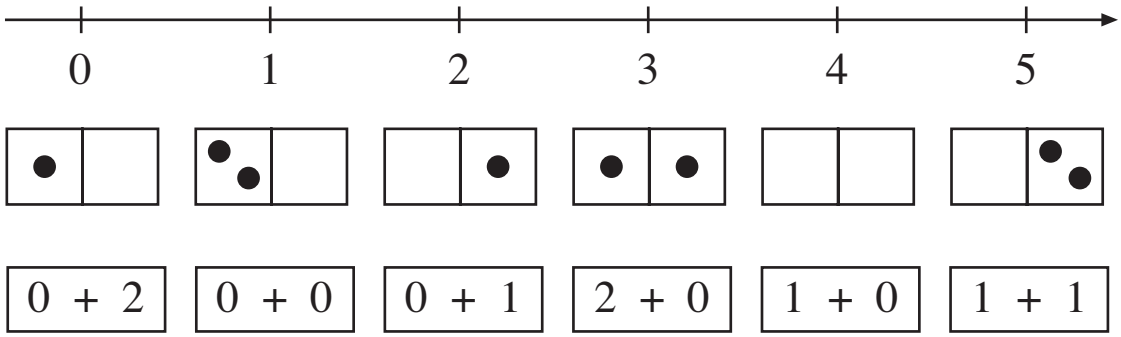
1 − ☐ = 0

4 Fill in the missing numbers.

0 – 0 = ☐	2 – 0 = ☐
1 – 0 = ☐	2 – 1 = ☐
1 – 1 = ☐	2 – 2 = ☐
☐ = 2 – 1	☐ = 2 – 2
☐ = 0 – 0	☐ = 1 – 0
☐ = 1 – 0	☐ = 2 – 0

1

Join each domino to the matching addition and to the correct point on the number line.



2

Write the answers in the boxes. Display the equations by drawing sticks.

a) $1 + 1 = \square$

b) $2 + 0 = \square$

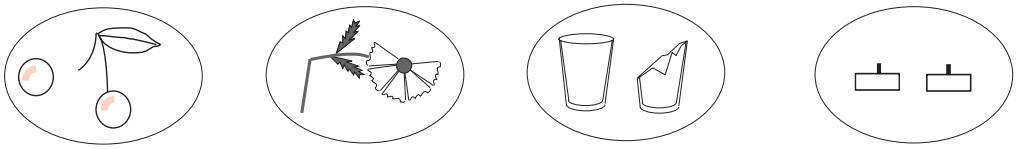
c) $0 + 1 = \square$

d) $2 - 2 = \square$

e) $1 - 0 = \square$

3

Complete the subtractions to match the pictures.



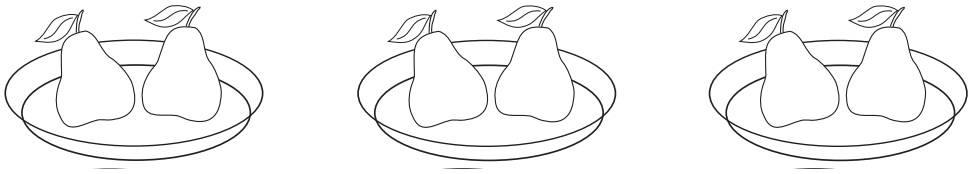
$2 - 1 = \square$ $\quad 1 - \square = 0$ $\quad \square - 1 = 1$ $\quad \square - \square = \square$

4

Solve:

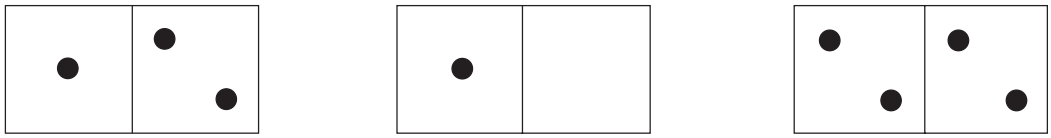
$0 + 0 = \square$	$1 + 0 = \square$	$2 + 0 = \square$
$0 + 1 = \square$	$1 + 1 = \square$	$2 + 1 = \square$
$0 + 2 = \square$	$1 + 2 = \square$	$2 + 2 = \square$

1 Colour in as many pears as will make the inequality true.



$0 < \square$ $\quad$ $1 > \square$ $\quad$ $1 < \square$

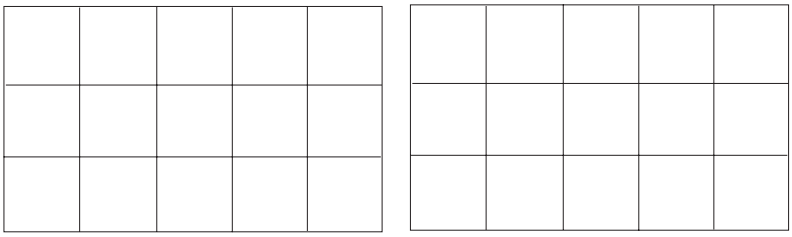
2 Compare the two sides of each domino. Write it down in different ways.



$1 < \square$

$1 + 1 = \square$

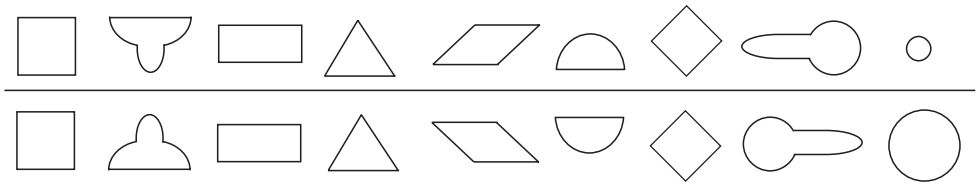
$2 - \square = 1$



3 Fill in the missing numbers.

$0 + \square = 0$	$\square + 1 = 2$	$1 - \square = 1$
$0 + \square = 1$	$2 + \square = 2$	$\square - 2 = 0$
$\square + 0 = 2$	$0 - \square = 0$	$\square - 1 = 1$
$1 + \square = 1$	$2 - \square = 1$	$\square - 0 = 1$

4 Colour in any shape in the bottom row which is **different** from the one above it.



1 Fill in the missing numbers.

$0 = 0 + \square$ $\quad$ $1 = 1 + \square$

$1 = 0 + \square$ $\quad$ $2 = 1 + \square$

$2 = 0 + \square$ $\quad$ $1 = \square + 0$

2 Fill in the missing numbers.

$2 = 2 - \square$ $\quad$ $1 = 1 - \square$ $\quad$ $0 = \square - 0$ $\quad$ $1 = \square - 0$

$1 = 2 - \square$ $\quad$ $0 = 1 - \square$ $\quad$ $0 = \square - 1$ $\quad$ $1 = \square - 1$

$0 = 2 - \square$ $\quad$ $0 = \square - 2$

3 Fill in the missing numbers.

a) $1 \xrightarrow{+1} \square \xrightarrow{-1} \square \xrightarrow{+0} \square \xrightarrow{+1} \square \xrightarrow{-1} \square$

b) $2 \xrightarrow{-1} \square \xrightarrow{+1} \square \xrightarrow{-0} \square \xrightarrow{+0} \square \xrightarrow{-1} \square$

c) $0 \xrightarrow{+1} \square \xrightarrow{+1} \square \xrightarrow{+0} \square \xrightarrow{-1} \square \xrightarrow{+1} \square$

4 What number makes each statement true?

a) $2 - 1 > \square$ $\quad$ b) $\square = 1 + 1$

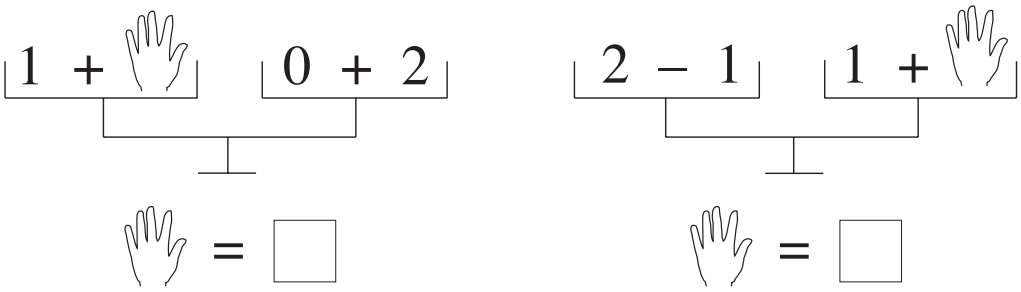
$0 + 1 < \square$ $\quad$ $\square > 0 + 0$

$1 + 1 > \square$ $\quad$ $\square < 2 + 0$

$1 + 0 > \square$ $\quad$ $\square > 1 - 1$

1

a) Which numbers have been covered up?



b) Write down the equation for each balance with a hand.

2

Compare the numbers. Write the correct signs in the boxes: <, >, =

a) 1 ☐ 2
2 ☐ 0
0 ☐ 1

b) 1 + 1 ☐ 2
1 + 0 ☐ 2
1 + 1 ☐ 1

c) 2 – 1 ☐ 2
2 – 2 ☐ 1
2 – 1 ☐ 1

3

Fill in the missing numbers. Show what the **lower** arrows mean.

a) 1 $\xrightleftharpoons{+1}$ ☐

b) 2 $\xrightleftharpoons{-1}$ ☐

c) 2 $\xrightleftharpoons{-2}$ ☐

d) 0 $\xrightleftharpoons{+2}$ ☐

4

Which number has been covered up?

0 + 2 = ✋ = ☐

2 – ✋ = 1 ✋ = ☐

1 + 1 = ✋ = ☐

✋ – 1 = 1 ✋ = ☐

5

Which number makes each statement true?

a) 2 + 0 = ☐ + 2

b) 0 + 1 = ☐ – 1

1 Write the missing numbers in the boxes.

$$1 \xrightarrow{+\square} 2 \xrightarrow{+0} \square \xrightarrow{-\square} 0 \xrightarrow{-0} \square \xrightarrow{+\square} 1 \xrightarrow{-0} \square$$

2 Write the correct sign in each box.

$2 - 1 \;\square\; 1 + 1$

$2 - 2 \;\square\; 1 - 1$

$0 + 2 \;\square\; 1 + 1$

$2 - 0 \;\square\; 1 + 0$

3 Write the correct number in each box.

a) $1 + 1 < 2 + \square$

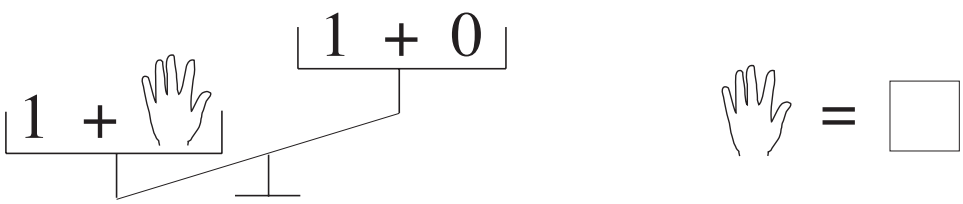
b) $0 + 1 = \square - 1$

c) $2 - 2 < 0 + \square$

d) $2 - 0 > 2 - \square$

4 Which numbers might be covered up?

a)



b)