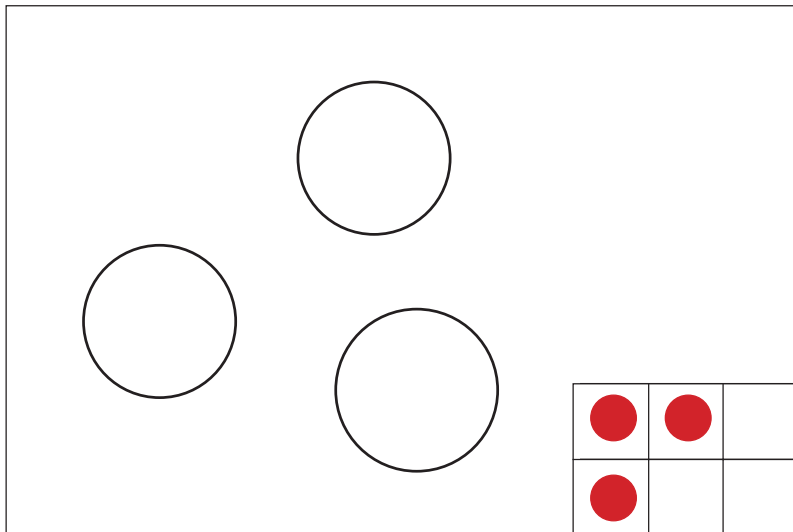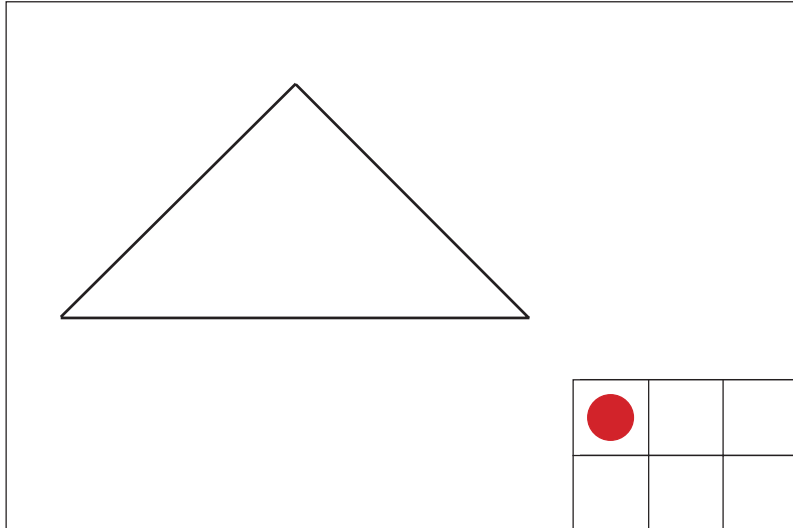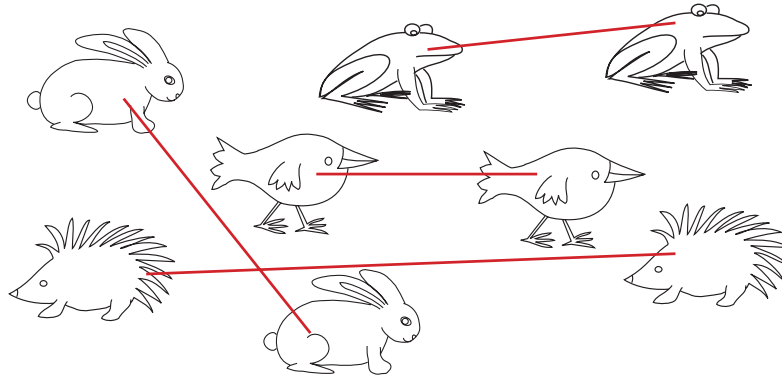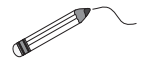**1** Draw a dot in a box for every shape in each picture.
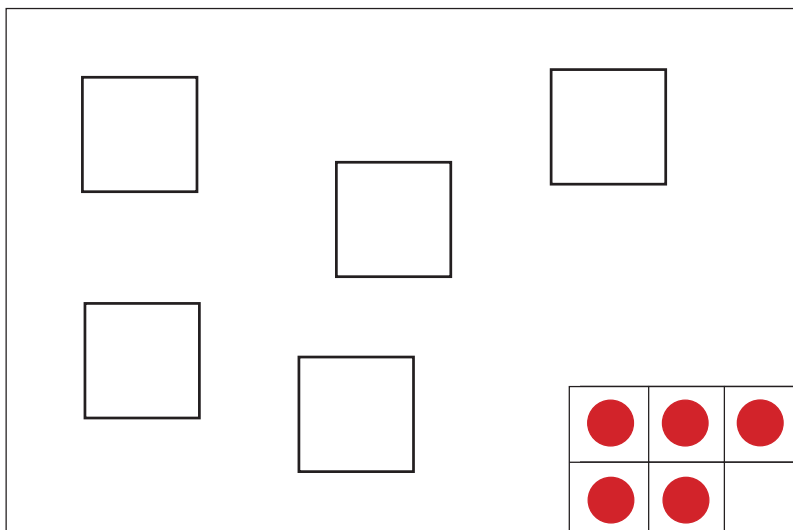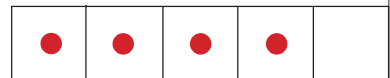
1 Draw lines to match up each **pair** of animals.

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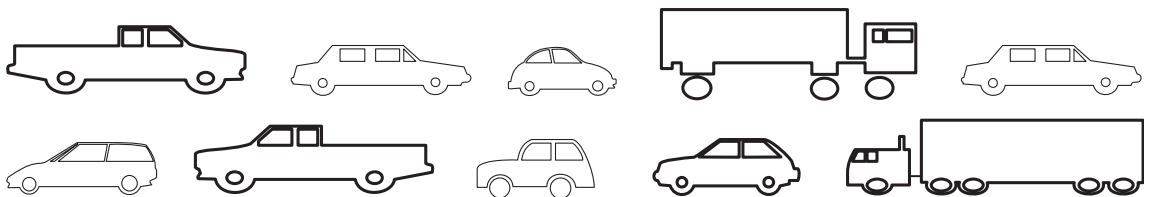

Draw a dot in a box for every **pair** of animals.

Lines drawn joining pairs of animals.

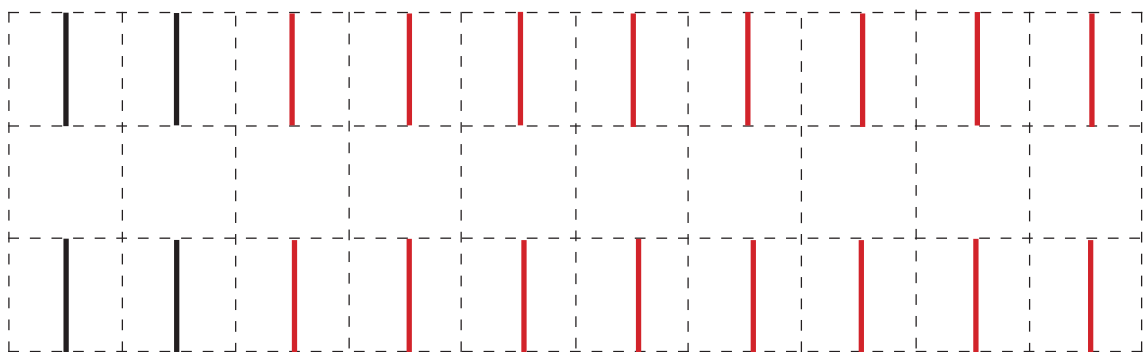**2** Colour the **same** vehicles in the **same** colours.

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

There are only 2 pairs of identical vehicles.

3 Continue the pattern.
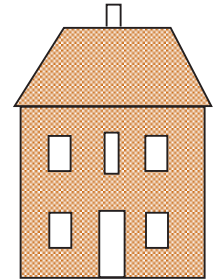
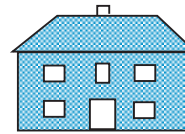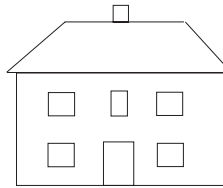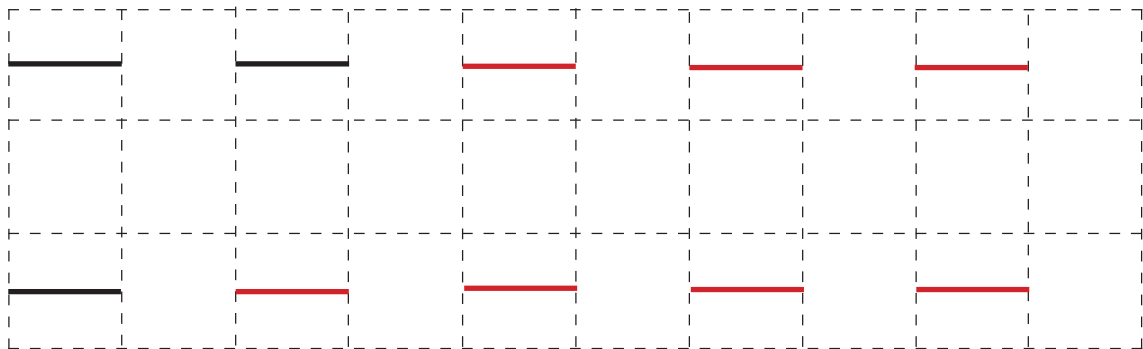**1** Colour the **longest** pencil yellow.

Colour the **shortest** pencil green.

2 Colour the **tallest** house red.

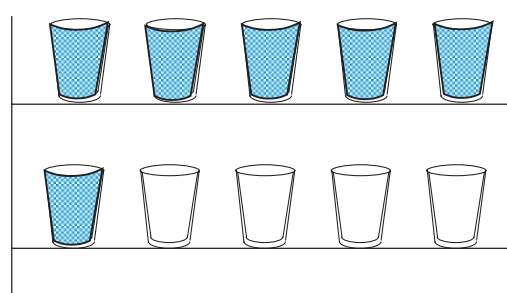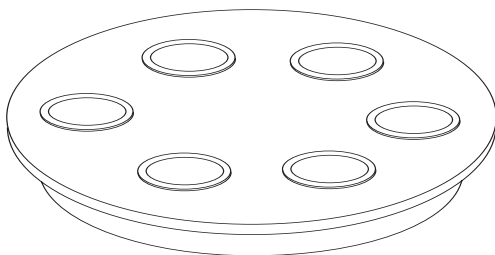Colour the **smallest** house blue.

3 Continue the pattern.

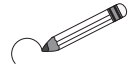**4** Colour blue as many glasses as there are plates on the table.

1 Circle the car which does not match.

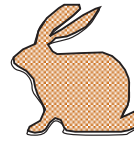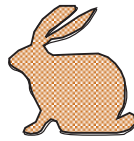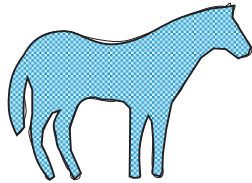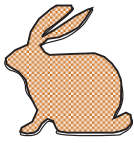**2** Colour the **same** animals in the **same** colour.
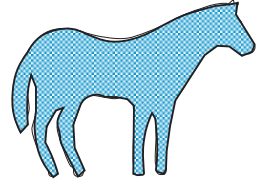
3 Continue the shading pattern.

4 Change the shading as shown.
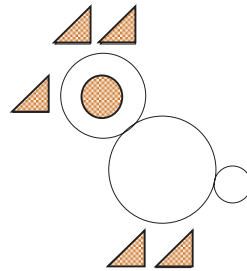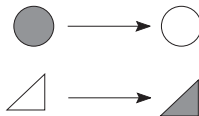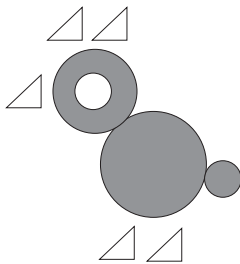
5 Colour the boats in different ways. Use green, yellow and red.
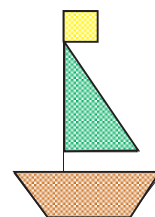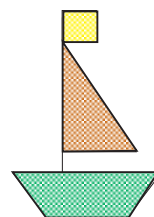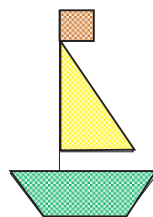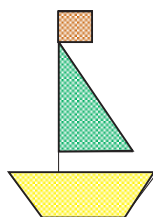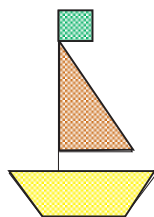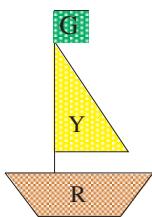
1 Colour the **same** toys in the **same** colour.
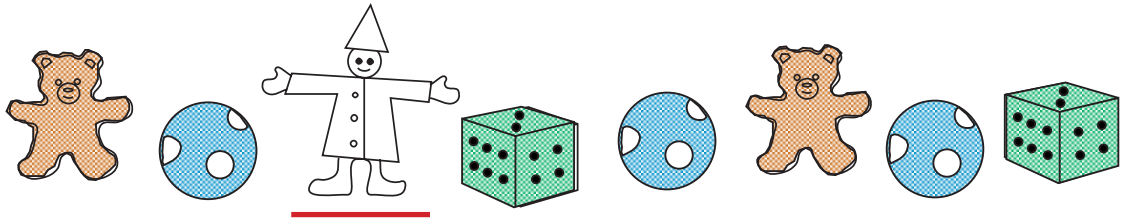
Draw a ——— line beneath the toy of which there is only one.

2 Draw around the group which has **less** ice-creams.
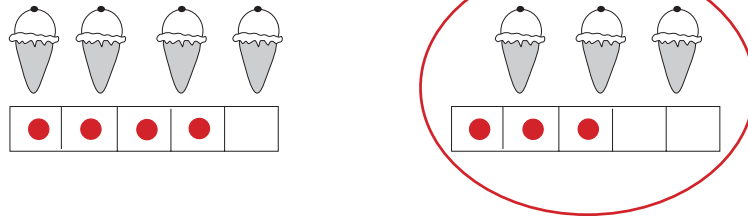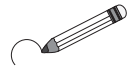
Draw as many dots in the grids as there are ice-creams.

3 Where would you put the fruit and where would you put the flowers?
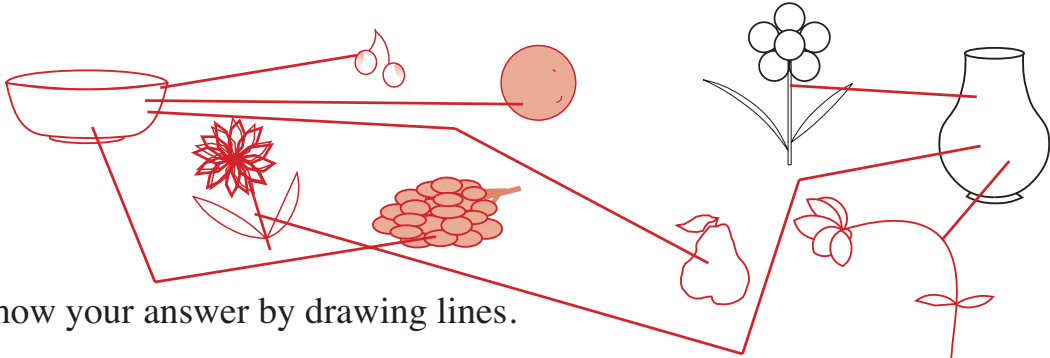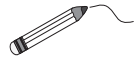
Show your answer by drawing lines.

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

G R B G
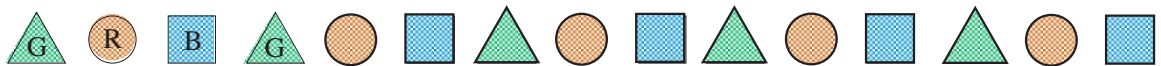
5 Draw in the missing arrows.

This is   shorter   than this
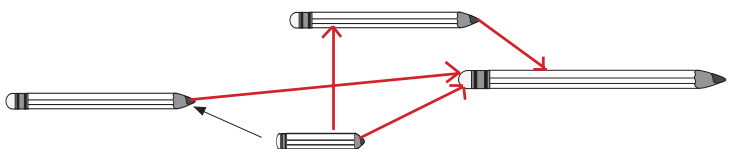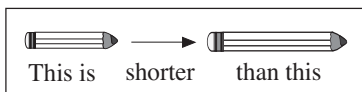
1 Colour the **longest** kite red and the **shortest** kite blue.
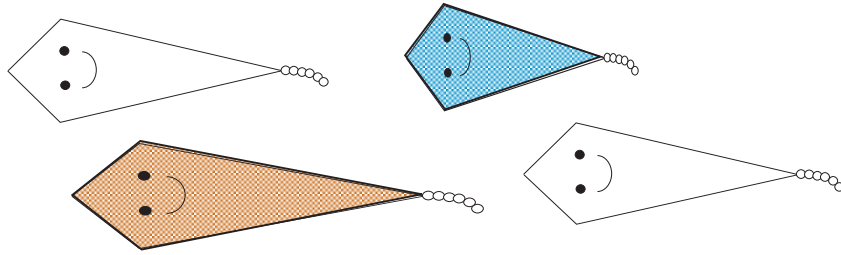
2 Compare the pictures. Draw around the group which has **more**.
Draw signs: <, > or =
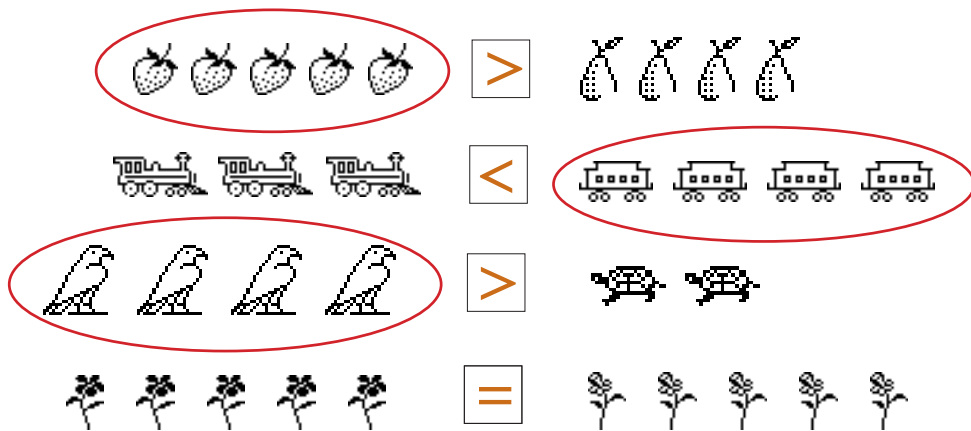
3 Draw dots on the balls to make the signs correct.

E.g:
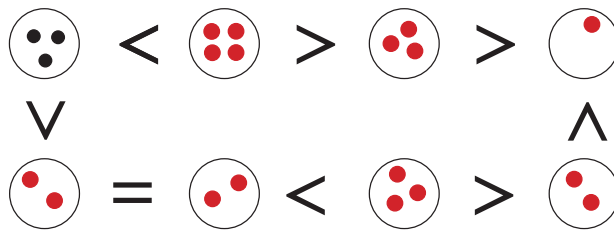
4 Draw lines in the boxes so that the signs are correct.
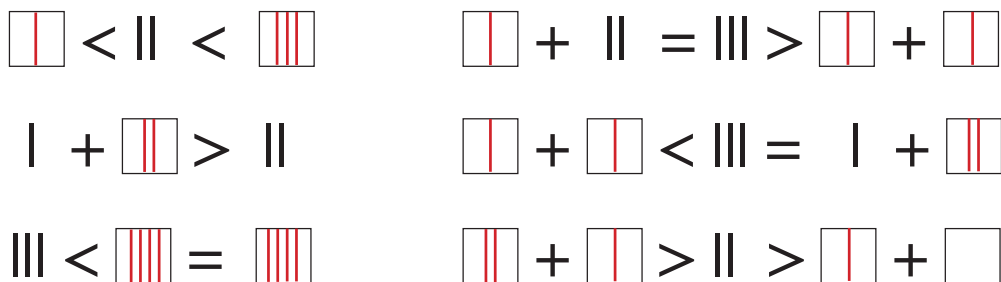
1 Join up the pictures which have the **same** number of objects.
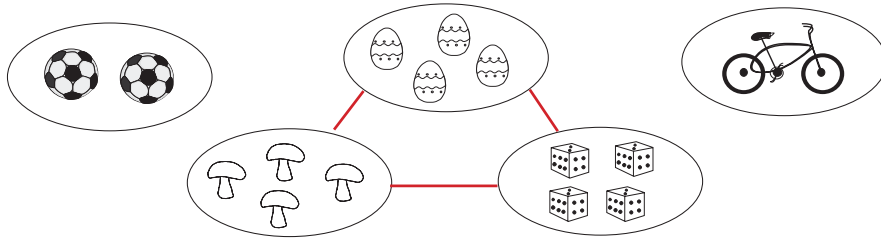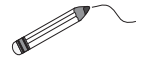
2 Draw as many dots in the grid as there are flowers in each picture.

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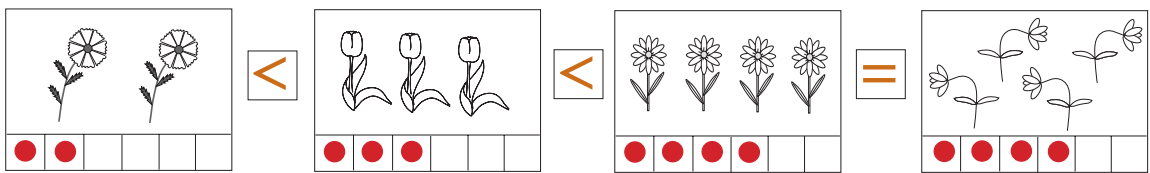
Compare the pictures. Write $>$, $<$ or $=$ between the pictures.

3 Complete the drawings to make the signs correct.

$<$ $<$ E.g: $<$
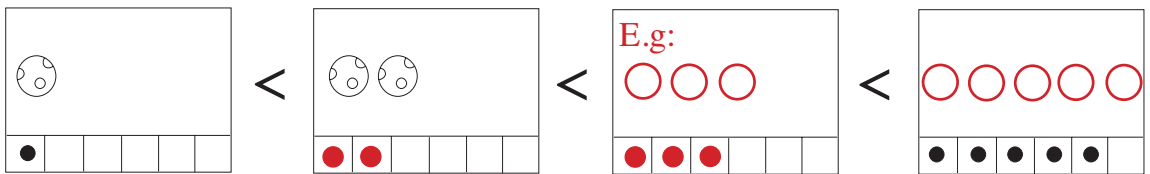
4 Complete the table.

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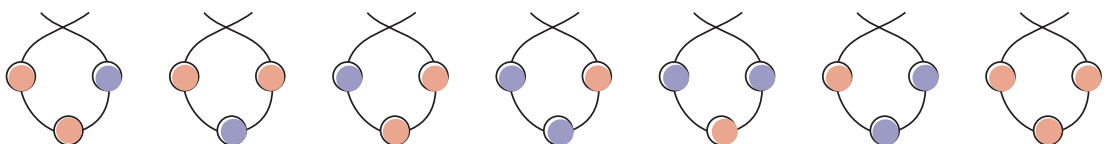
or all blue

1 Match up the elements as shown.
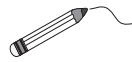
Which has more?
Write < or > in the box.

a)

$\times$ **<** $\bigcirc$
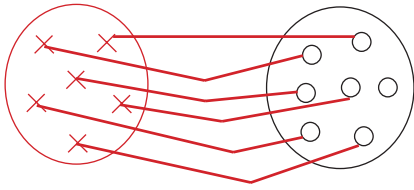
b)

$\triangle$ **>** $\square$
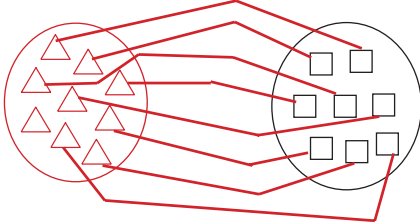
2 Match the pictures to the correct number of dots.

3 2 5 4 1
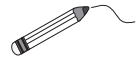
3 Compare the pictures: use >, <, =, ≥ or ≤

<
≤
1

=
≥
≤
2
Any 2 of
these or 2 **=** signs

>
≥
2

<
≤
1

4

4 Complete the drawings to make the signs correct.

E.g:

≤

>

<

≥

1 Join up the trains which are the **same** length.
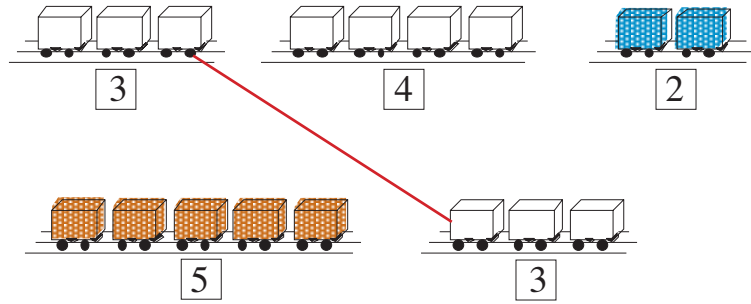
Colour the **longest** train red and the **shortest** train blue.

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

This is   smaller   than this.
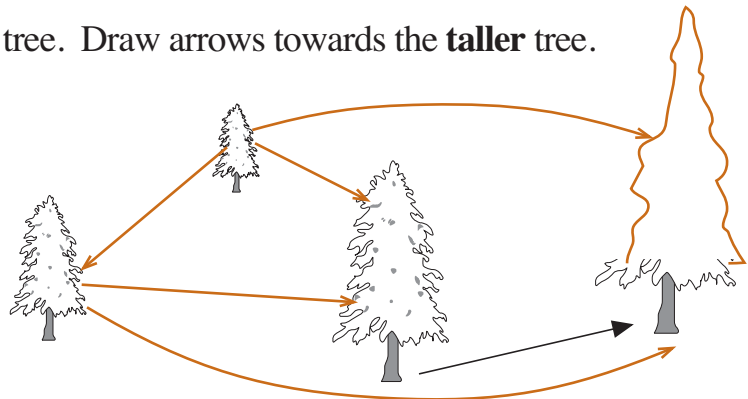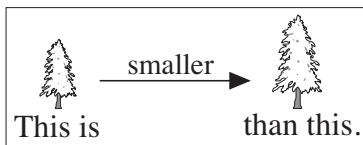
3 a) Draw around the shapes which have **less** sticks than, or the **same** number of sticks as, the shape at the start of the row.
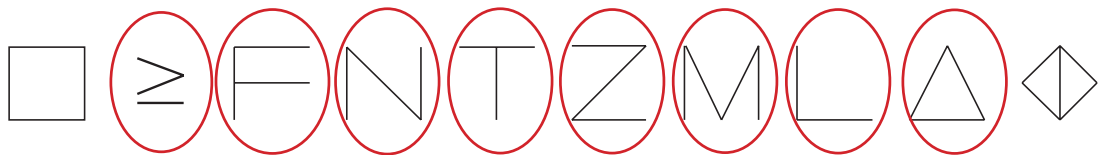
b) Draw around the shapes which have **more** sticks than, or the **same** number of sticks as, the shape at the start of the row.

4 Colour in the houses as shown.
E.g:

R > B   G ≤ Y
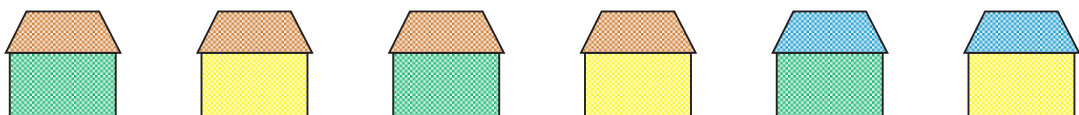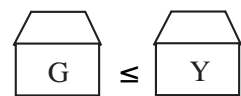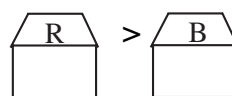
1 Show how Paul can choose **two** balls from a red ball, a white ball and a green ball.
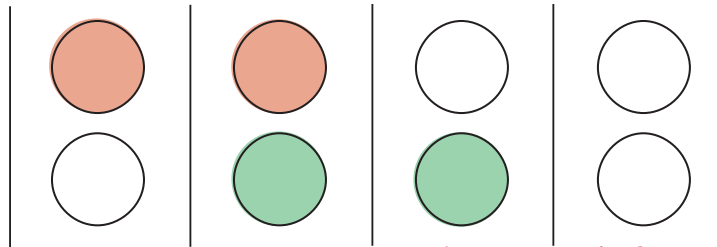
There are only 3 possibilities.

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

a)

2   2 $\leq$ $=$

b)

2   3 $<$ $>$
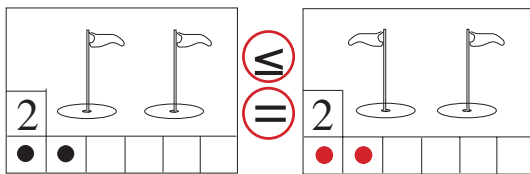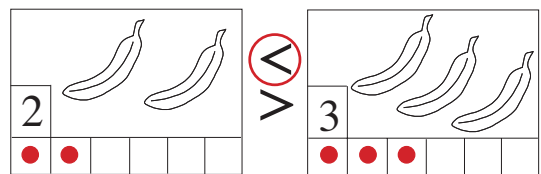
Draw the matching number of dots in the grid. Cross out the **wrong** signs.

c)

3    $\geq$ $<$

d)

3   5 $=$ $\leq$
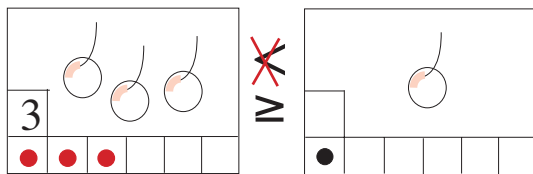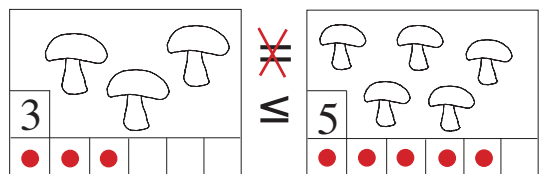
3 Complete the pictures to match the signs. E.g:

1 1 1 1 $\geq$ 1 1 $\leq$ 1 1 1

4   2   3
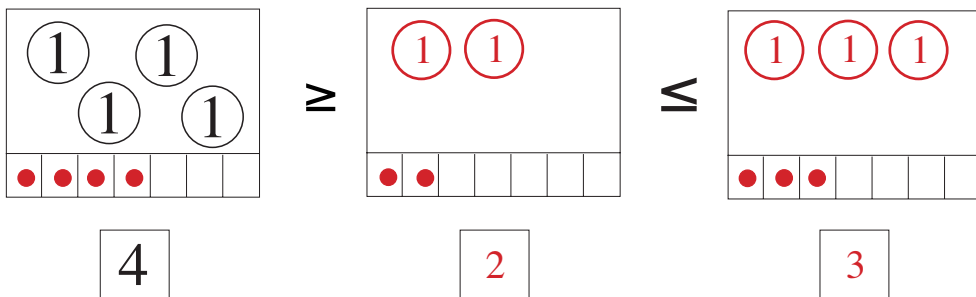
4 Show different ways to share a red ball, a white ball and a green ball between Ann and Bob.

A   R

B   W G
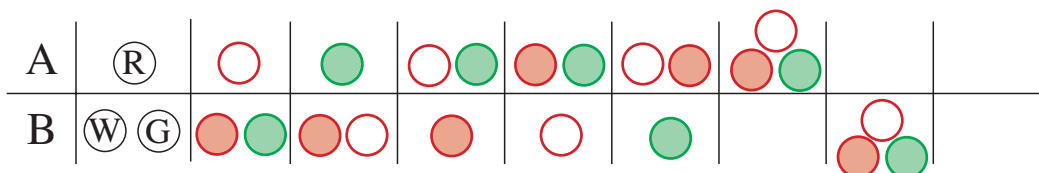
1 Complete the drawings to make the signs correct.

E.g:
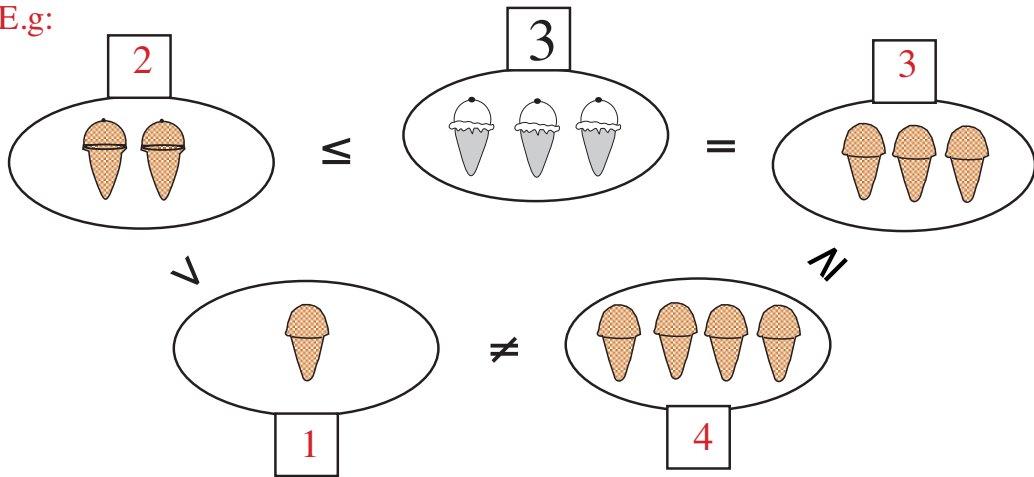
2 Draw matching dots in the grids and write correct signs between the pictures.
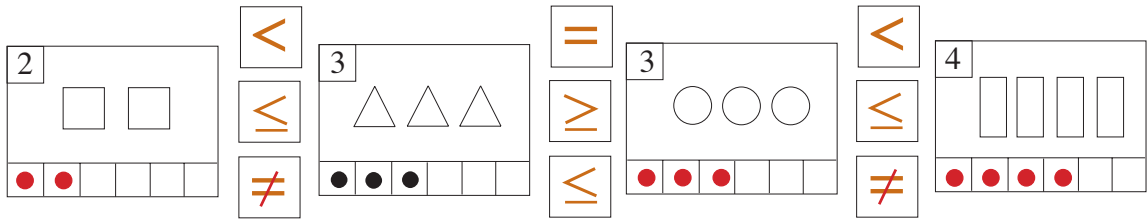
3 Continue the pattern.
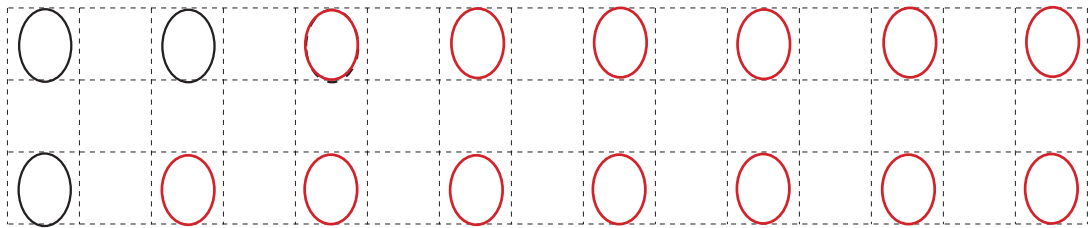
4 Draw **less** objects and **more** objects than the number in the middle.

E.g:

Less		More

1

Continue the pattern.

2
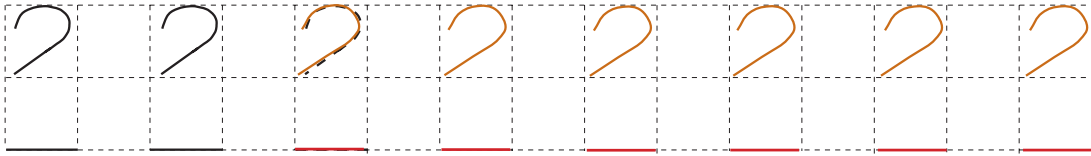
Complete the drawings according to the signs.

3
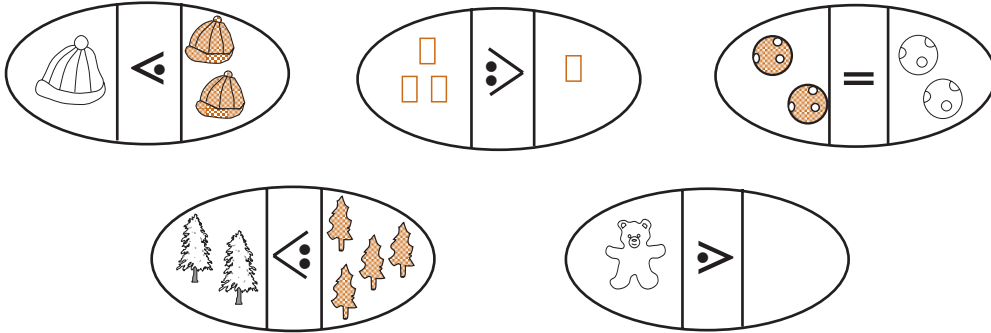
Write the correct signs in the boxes.

$$ || \boxed{<} || \quad + \quad | \boxed{=} ||| \quad \boxed{=} \quad | + | + | \boxed{>} | $$

4

Continue the pattern.

△△○   △△○   △△○ △△○   △△○   △△○

5

Show different ways to choose a meal.

Fish

Chips

Cake

Chicken Leg

Fruit

Ice-Cream

1
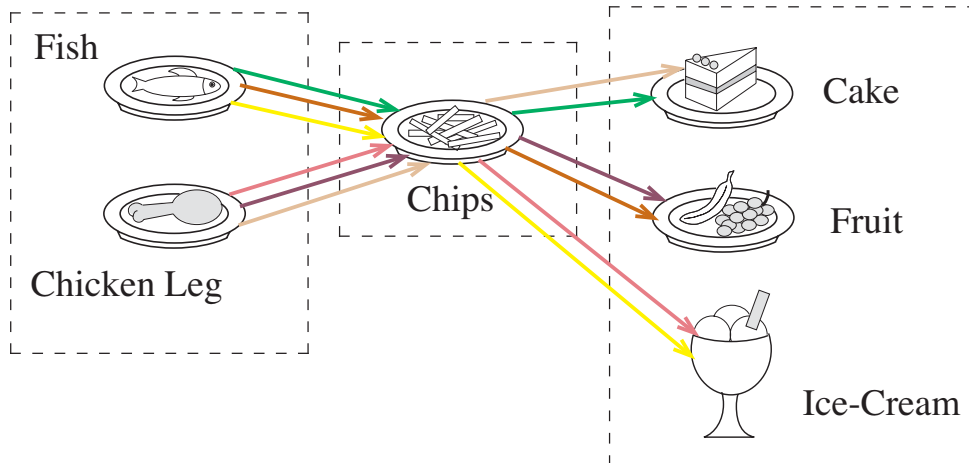
Join up the pictures which show the same number.
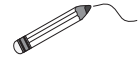
2

How many little **chicks** are in each picture? Circle the correct number.
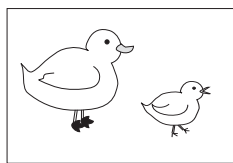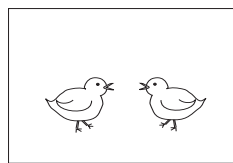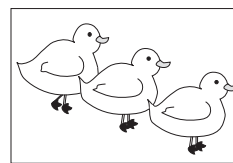
0 (1) 2   1 0 (2)   2 1 (0)
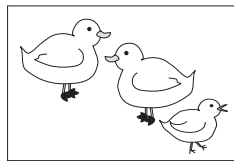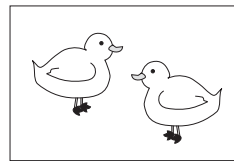
0 2 (1)   1 2 (0)

3

4

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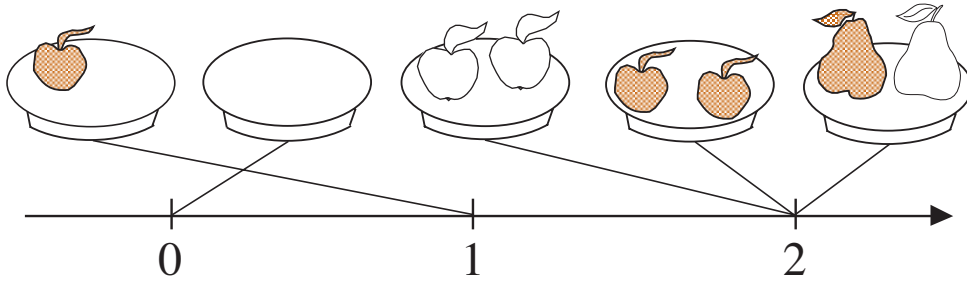
2 Write the missing numbers in the boxes under the number line.
Join the pictures to the number line.

| 0 | 1 | 2 |
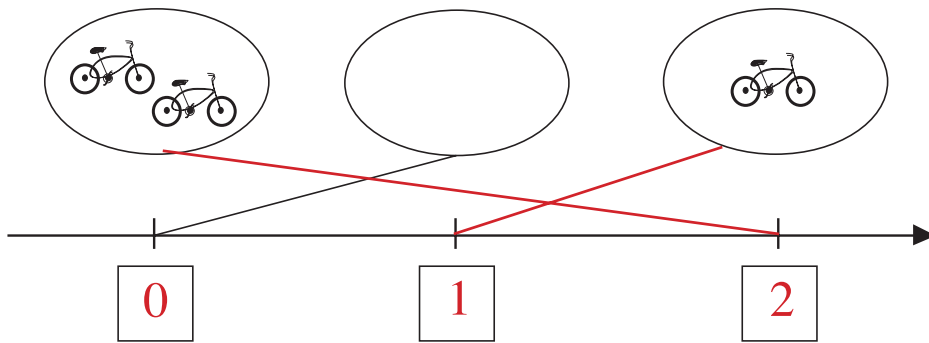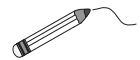
3
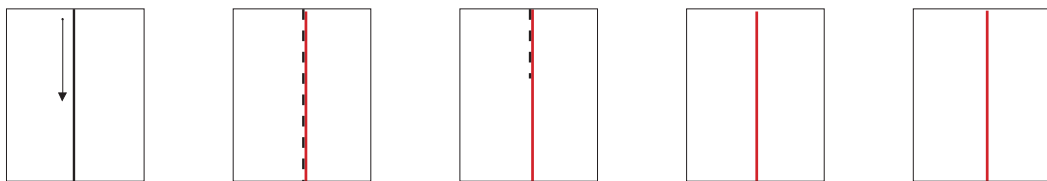
4 Write the correct numbers and signs in the boxes: $0, 2, <, >, =$
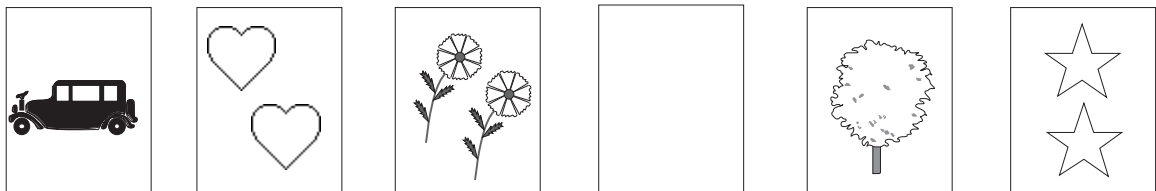
| 1 | < | 2 | = | 2 | > | 0 | < | 1 | < | 2 |

1

Draw a picture in each circle to make the signs correct.
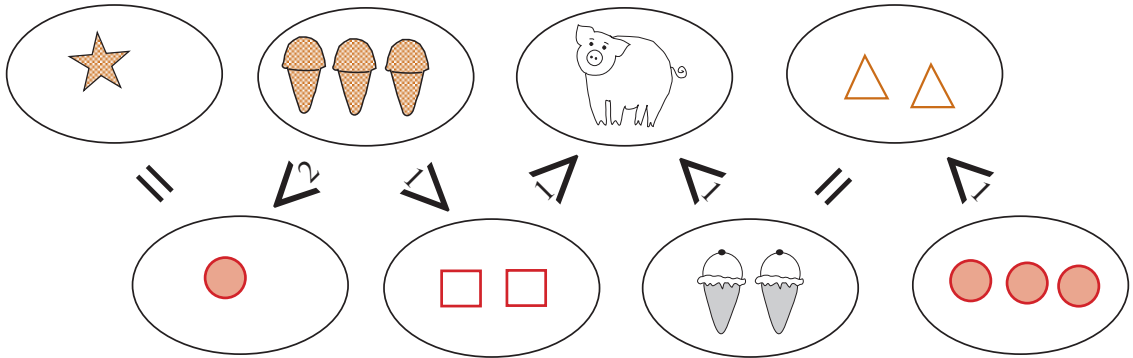
2

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

Write the number in the box.
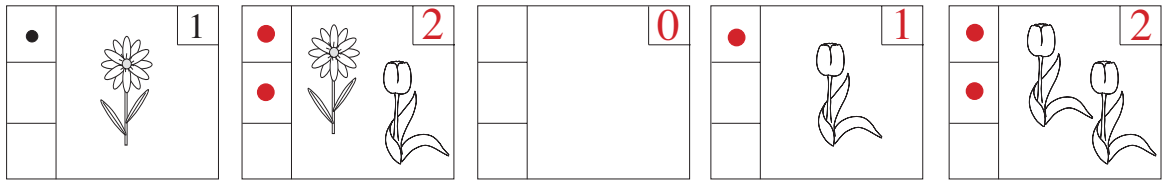
3

What is the machine doing? Complete the pictures.

a)

b)
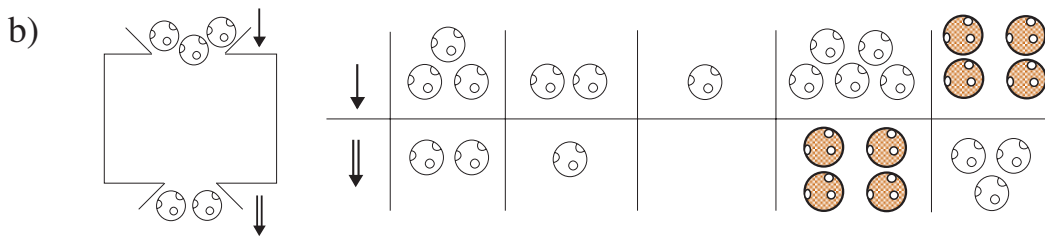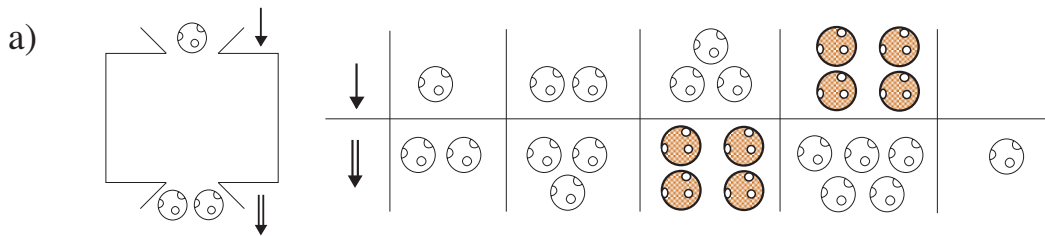
4

Colour over the thread which could lose its bead.
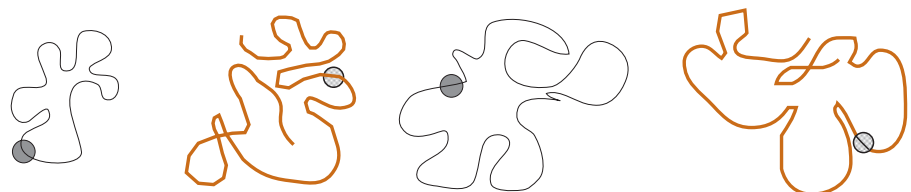
1
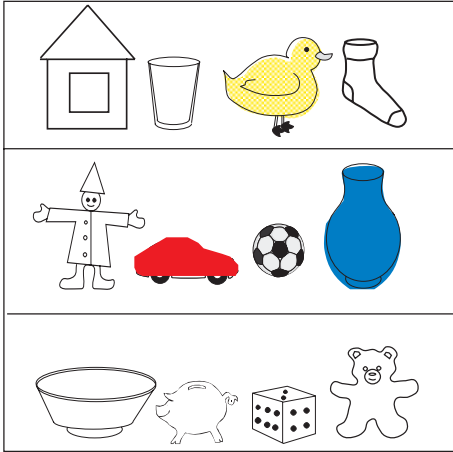
How many balls can you see? 1

How many animals are there? 1

How many clothes are there? 1

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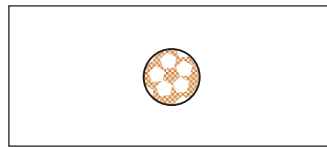
Draw the toy which is **behind** the car.

2
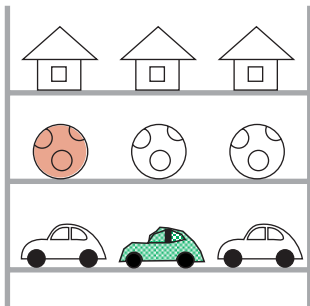
Draw one of the toys on the **top** shelf.

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 | 2 | 2 | 1 | 0 | 2 | 1 |

0   1   2   3   4   5   6
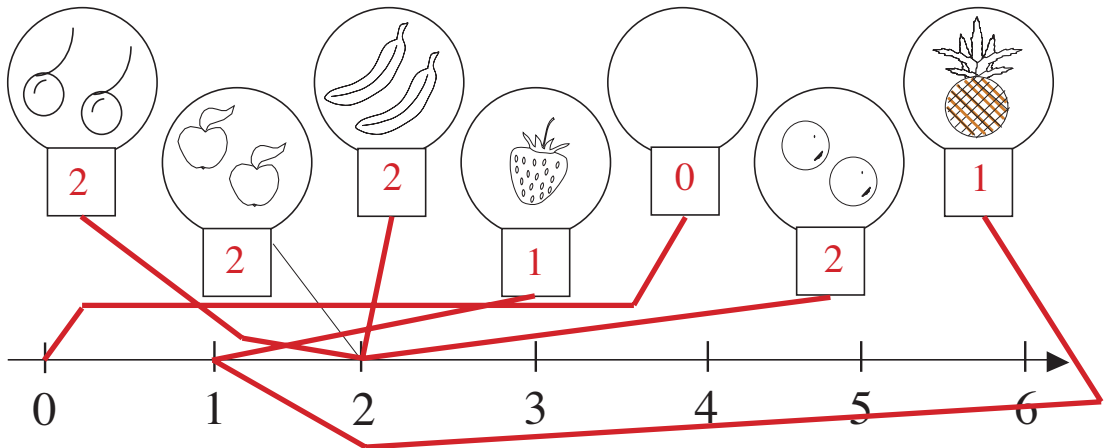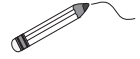
2 Colour the necklace
which has **more** beads.
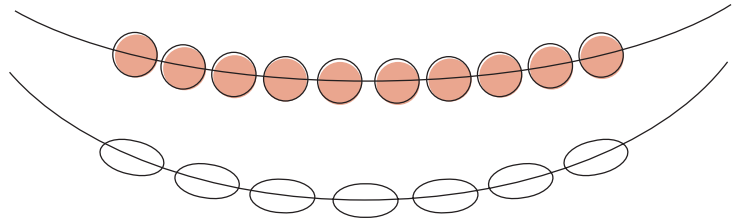
3 Compare the two parts of each domino. Write it down using numbers and signs.
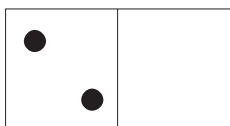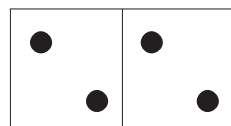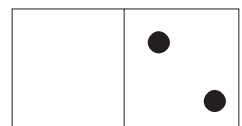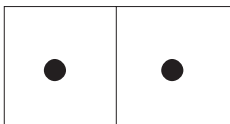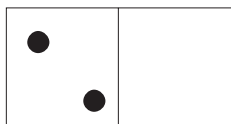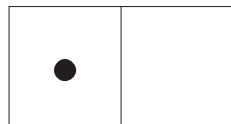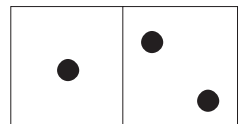
| 2 | > | 0 | | 0 | < | 1 | | 2 | = | 2 | | 0 | < | 2 |

| 1 | = | 1 | | 2 | > | 0 | | 1 | > | 0 | | 1 | < | 2 |

4 Colour the row which is different.
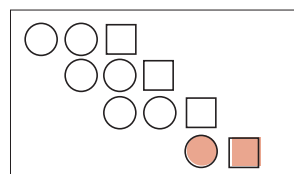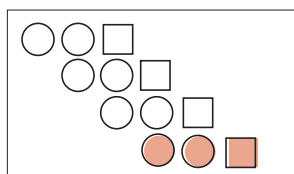
1

Complete the right-hand side of each picture to match the numbers and signs.
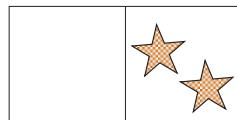
$$1 <_1 2 \qquad 2 >_1 1 \qquad 0 <_2 2 \qquad 2 = 2$$

2

Draw flowers in the pots to match the numbers. Use different ways.
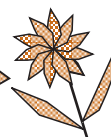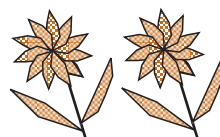
$$\frac{1 + 1}{2} \qquad \frac{0 + 1}{1} \qquad \frac{0 + 0}{0} \qquad \frac{0 + 2}{2} \qquad \frac{1 + 0}{1} \qquad \frac{2 + 0}{2}$$

3

Write down additions which describe the pictures.
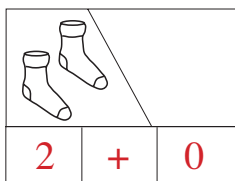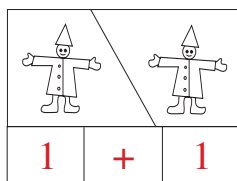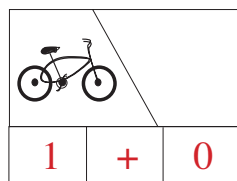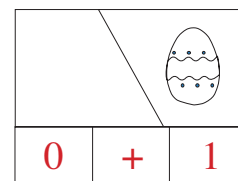
| 2 | + | 0 | | 1 | + | 1 | | 1 | + | 0 | | 0 | + | 1 |

4

Fill in the missing numbers.

$$0 + 0 = \boxed{0} \qquad 0 + 1 = \boxed{1} \qquad 0 + 2 = \boxed{2}$$

$$1 + 0 = \boxed{1} \qquad 1 + 1 = \boxed{2} \qquad 2 + 0 = \boxed{2}$$

5

Fill in the missing numbers.

$$\boxed{1} = 0 + 1 \qquad \boxed{2} = 1 + 1 \qquad \boxed{3} = 2 + 1$$

$$\boxed{0} = 0 + 0 \qquad \boxed{2} = 0 + 2 \qquad \boxed{1} = 1 + 0$$

1 Complete the equations to match the pictures.
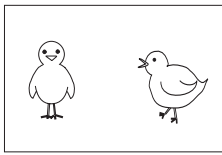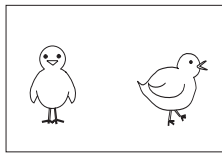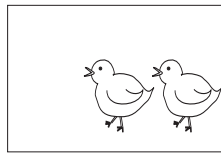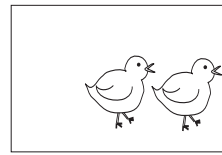
$1+1=2$ $2-1=1$ $0+2=2$ $2-2=0$

2 What do the pictures tell you? Complete the subtractions.
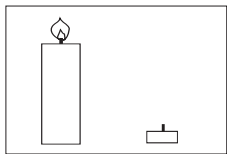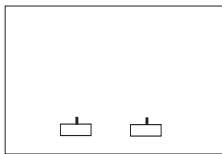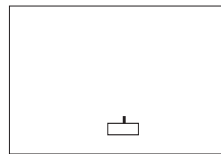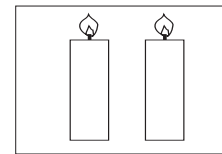
$2-1=1$ $2-2=0$ $1-1=0$ $2-0=2$

3 What do the pictures tell you? Complete the subtractions.
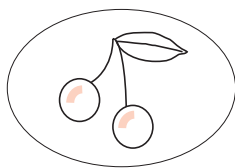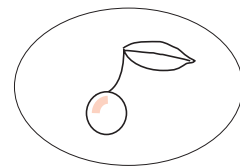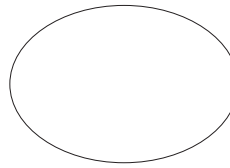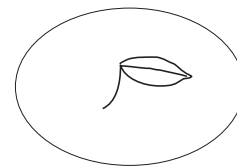
$2-0=2$ $1-0=1$ $0-0=0$ $1-1=0$

4 Fill in the missing numbers.

$0-0 = 0$ $2-0 = 2$

$1-0 = 1$ $2-1 = 1$

$1-1 = 0$ $2-2 = 0$

$1 = 2-1$ $0 = 2-2$

$0 = 0-0$ $1 = 1-0$

$1 = 1-0$ $2 = 2-0$

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

| 0 | 1 | 2 | 3 | 4 | 5 |

| $0 + 2$ | $0 + 0$ | $0 + 1$ | $2 + 0$ | $1 + 0$ | $1 + 1$ |
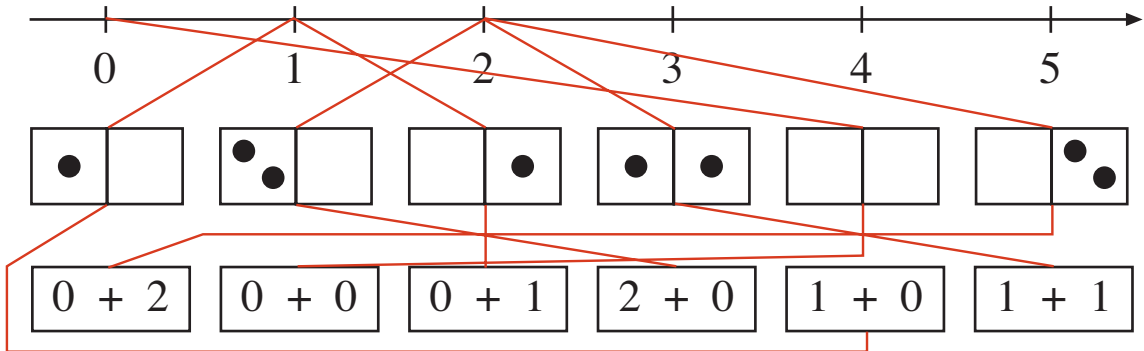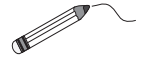
2 Write the answers in the boxes. Display the equations by drawing sticks.

a) $1 + 1 = \boxed{2}$ $| + | = ||$

b) $2 + 0 = \boxed{2}$ $|| + 0 = ||$

c) $0 + 1 = \boxed{1}$ $0 + | = |$

d) $2 - 2 = \boxed{0}$ $|| - || = 0$

e) $1 - 0 = \boxed{1}$ $| - 0 = |$

3 Complete the subtractions to match the pictures.

$2 - 1 = \boxed{1}$ $1 - \boxed{1} = 0$ $\boxed{2} - 1 = 1$ $\boxed{2} - \boxed{2} = \boxed{0}$

4 Solve: $0 + 0 = \boxed{0}$ $1 + 0 = \boxed{1}$ $2 + 0 = \boxed{2}$

$0 + 1 = \boxed{1}$ $1 + 1 = \boxed{2}$ $2 + 1 = \boxed{3}$

$0 + 2 = \boxed{2}$ $1 + 2 = \boxed{3}$ $2 + 2 = \boxed{4}$

1 Colour in as many pears as will make the inequality true.
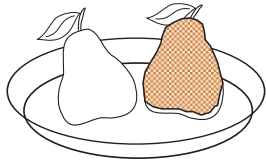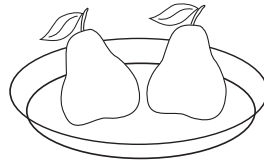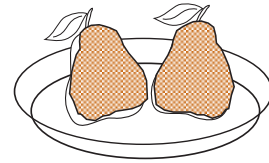
$0 <_1 \boxed{1}$ $1 \overset{\text{i}}{>} \boxed{0}$ $1 <_1 \boxed{2}$

2 Compare the two sides of each domino. Write it down in different ways.
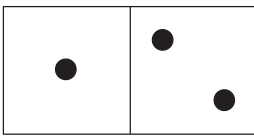
$1 <_1 \boxed{2}$

$1 + 1 = \boxed{2}$

$2 - \boxed{1} = 1$
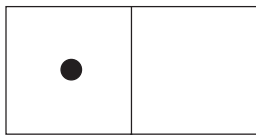
1	+	0	=	1
1	$>$	0		
1	$-$	0	=	1
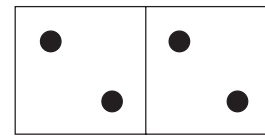
2	=	2		
2	+	2	=	4
2	$-$	2	=	0

3 Fill in the missing numbers.

$0 + \boxed{0} = 0$ $\boxed{1} + 1 = 2$ $1 - \boxed{0} = 1$

$0 + \boxed{1} = 1$ $2 + \boxed{0} = 2$ $\boxed{2} - 2 = 0$

$\boxed{2} + 0 = 2$ $0 - \boxed{0} = 0$ $\boxed{2} - 1 = 1$

$1 + \boxed{0} = 1$ $2 - \boxed{1} = 1$ $\boxed{1} - 0 = 1$

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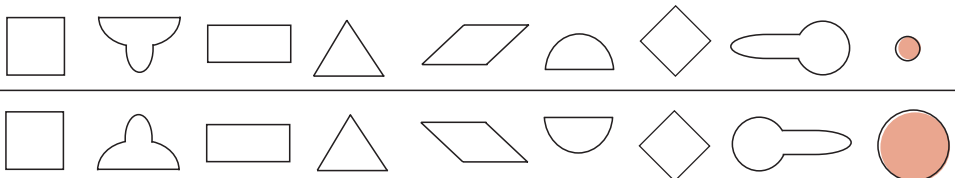
1   Fill in the missing numbers.

$0 = 0 + \boxed{0}$ $1 = 1 + \boxed{0}$

$1 = 0 + \boxed{1}$ $2 = 1 + \boxed{1}$

$2 = 0 + \boxed{2}$ $1 = \boxed{1} + 0$

2   Fill in the missing numbers.

$2 = 2 - \boxed{0}$ $1 = 1 - \boxed{0}$ $0 = \boxed{0} - 0$ $1 = \boxed{1} - 0$

$1 = 2 - \boxed{1}$ $0 = 1 - \boxed{1}$ $0 = \boxed{1} - 1$ $1 = \boxed{2} - 1$

$0 = 2 - \boxed{2}$ $0 = \boxed{2} - 2$

3   Fill in the missing numbers.

a) $1 \xrightarrow{+1} \boxed{2} \xrightarrow{-1} \boxed{1} \xrightarrow{+0} \boxed{1} \xrightarrow{+1} \boxed{2} \xrightarrow{-1} \boxed{1}$

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

c) $0 \xrightarrow{+1} \boxed{1} \xrightarrow{+1} \boxed{2} \xrightarrow{+0} \boxed{2} \xrightarrow{-1} \boxed{1} \xrightarrow{+1} \boxed{2}$

4   What number makes each statement true?

a) $2 - 1 > \boxed{0}$ b) $\boxed{2} = 1 + 1$

    $0 + 1 < \boxed{2}$ E.g: 2 or $\boxed{1} > 0 + 0$

    $1 + 1 > \boxed{1}$ or 0   0 or $\boxed{1} < 2 + 0$

    $1 + 0 > \boxed{0}$ E.g: 2 or $\boxed{1} > 1 - 1$

1

a) Which numbers have been covered up?

$$1 + \quad \qquad 0 + 2 \qquad\qquad 2 - 1 \qquad 1 + $$

$$= \boxed{1} \qquad\qquad\qquad = \boxed{0}$$

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

$$\boxed{1 + 1 = 2} \qquad\qquad \boxed{1 + 0 = 1}$$

2

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

a) $1 \boxed{<} 2$ b) $1 + 1 \boxed{=} 2$ c) $2 - 1 \boxed{<} 2$

$2 \boxed{>} 0$ $1 + 0 \boxed{<} 2$ $2 - 2 \boxed{<} 1$

$0 \boxed{<} 1$ $1 + 1 \boxed{>} 1$ $2 - 1 \boxed{=} 1$

3

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

a)   b)   c)   d)

$$1 \underset{-1}{\overset{+1}{\longleftrightarrow}} \boxed{2} \qquad 2 \underset{+1}{\overset{-1}{\longleftrightarrow}} \boxed{1} \qquad 2 \underset{+2}{\overset{-2}{\longleftrightarrow}} \boxed{0} \qquad 0 \underset{-2}{\overset{+2}{\longleftrightarrow}} \boxed{2}$$

4

Which number has been covered up?

$$0 + 2 = \qquad\quad 2 - \quad = 1 \qquad\quad 1 + 1 = \qquad\quad \quad - 1 = 1$$

$$= \boxed{2} \qquad\qquad = \boxed{1} \qquad\qquad = \boxed{2} \qquad\qquad = \boxed{2}$$

5

Which number makes each statement true?

a) $2 + 0 = \boxed{0} + 2$ b) $0 + 1 = \boxed{2} - 1$

1 Write the missing numbers in the boxes.

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

2 Write the correct sign in each box.

$$2 - 1 \quad \boxed{<} \quad 1 + 1$$

$$2 - 2 \quad \boxed{=} \quad 1 - 1$$

$$0 + 2 \quad \boxed{=} \quad 1 + 1$$

$$2 - 0 \quad \boxed{>} \quad 1 + 0$$
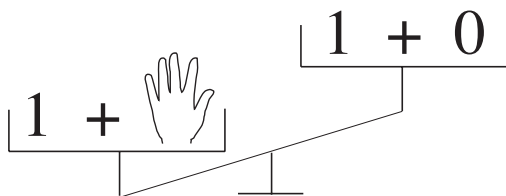
3 Write the correct number in each box.

a) $1 + 1 < 2 + \boxed{\text{1 or 2}}$ b) $0 + 1 = \boxed{2} - 1$

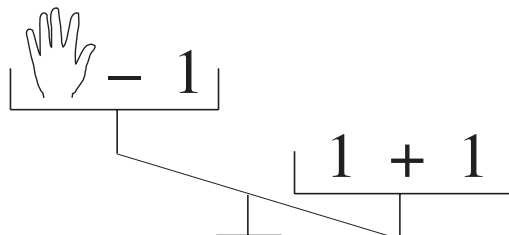c) $2 - 2 < 0 + \boxed{\text{1 or 2}}$ d) $2 - 0 > 2 - \boxed{\text{1 or 2}}$

4 Which numbers might be covered up?

a)

$$\text{✋} = \boxed{\text{1 or 2}}$$

b)

$$\text{✋} = \boxed{\text{1 or 2}}$$