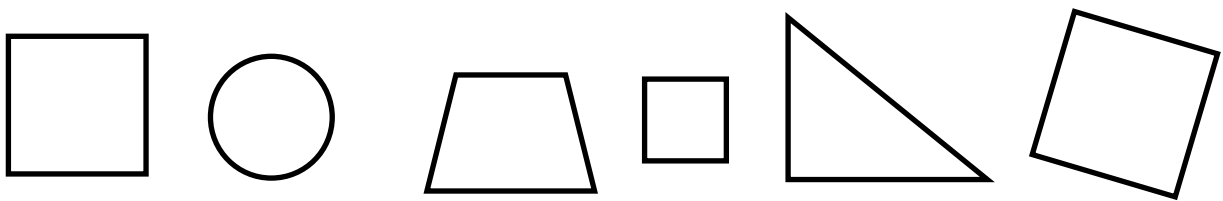| Recognise and name squares, rectangles, triangles, circles and cubes | Component 7 | Entry 1.1 |

Name ……………………………………………………………………...
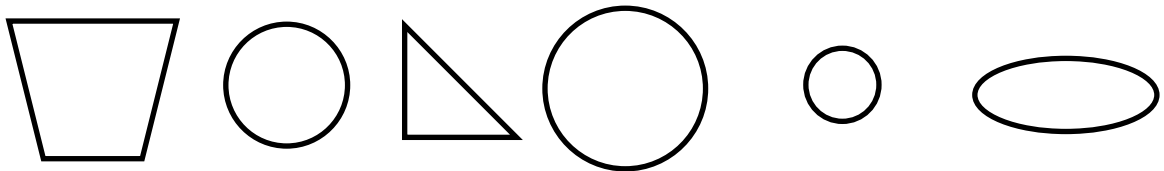
1   Look at the shapes.
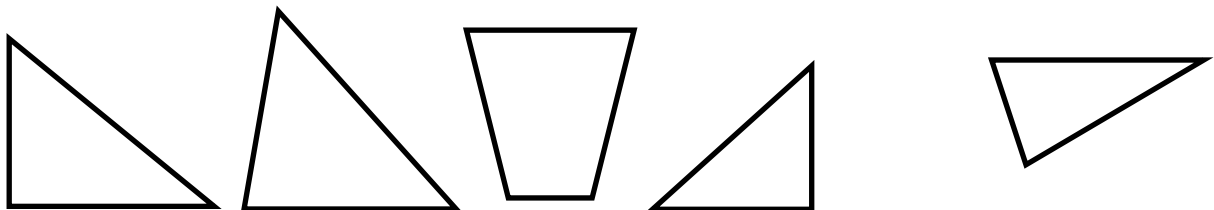
   a)   Colour in all of the squares.

   b)   Colour in all of the circles.

   c)   Colour in all of the triangles.
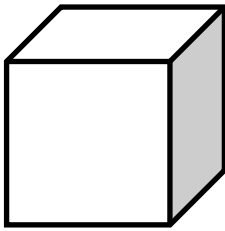
1.1

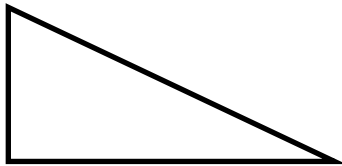2   Circle the correct name for each shape.

a)

square   /   rectangle

b)

cube   /   square

c)

triangle   /   rectangle

1.1

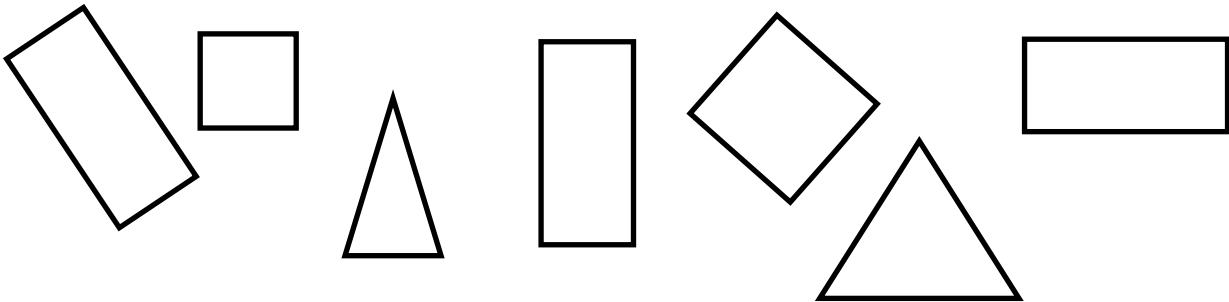| Compare and order a group of shapes or pictures or similar shapes of different size and recognise congruent shapes	Component 7	Entry 1.2

Name ……………………………………………………………………...

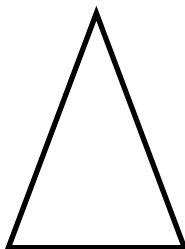1   Look at the shapes below.

Shade the three shapes that are exactly the same shape and size.

2   Draw a rectangle that is bigger than the one shown.

3   Draw a triangle that is shorter than the one shown.

4   Draw an ice lolly that is wider than the one below.

5   Circle the correct word.
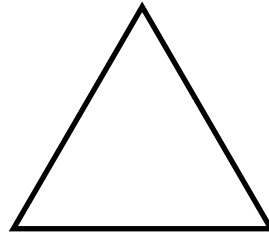
a)   [   ]   is wider / narrower than   [   ]

b)   [ ]   is taller / shorter than   [ ]

1.2

Use and understand positional vocabulary	Component 7	Entry 1.3

Name ………………………………………………………………………...

1   Look at the shapes below.
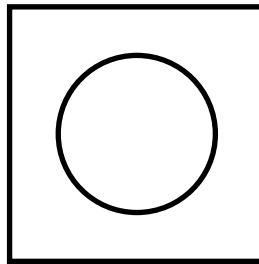
Use the words in the box to complete the following sentences.

between	right	left	inside	outside

a)   The circle is ………………….……………………. the square.

b)   The square is ……………………………………..the rectangle and the triangle

c)   The triangle is to the ………………..……………. of the square

d)   The rectangle is to the ………………………..………….of the square

1.3

2   Draw a circle **below** the square
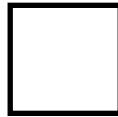
3   Draw a cross **to the right** of the rectangle

1.3

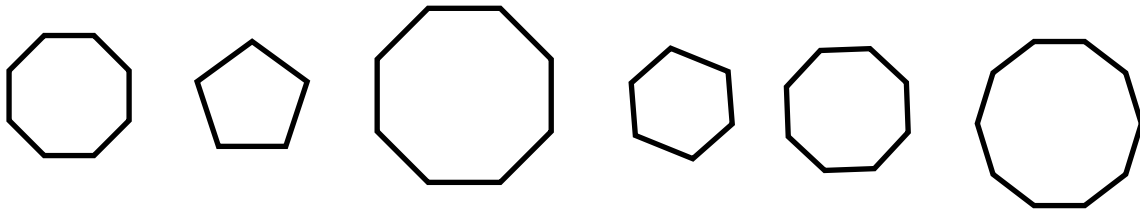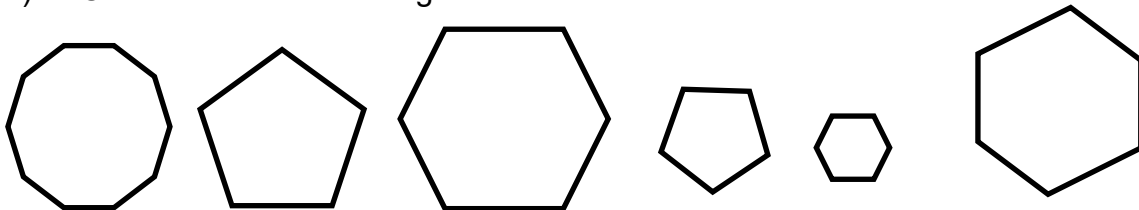| Recognise and name shapes including pentagons, hexagons and octagons and identify a right-angled triangle from a set of triangles	Component 7	Entry 2.1

Name …………………………………………………………………...

1   Look at the shapes.
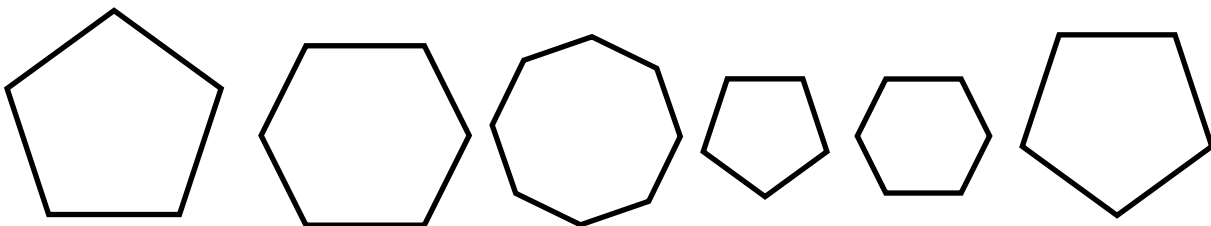
a)   Colour in all of the octagons.

   b)   Colour in all of the hexagons.

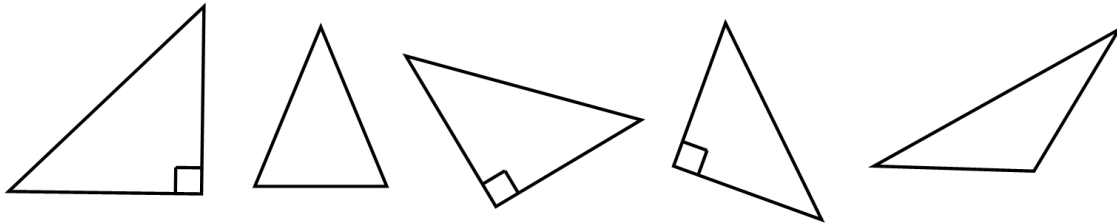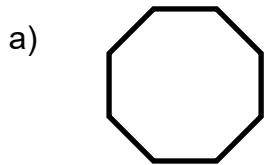   c)   Colour in all of the pentagons.

2   Look at the triangles shown below.
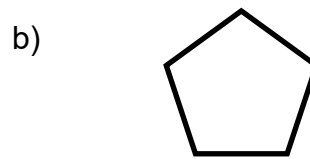
Shade in the **right-angled** triangles.

3   Name the following shapes.
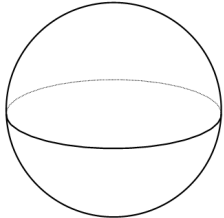
a)   b)

…………………………………..   …………………………………..
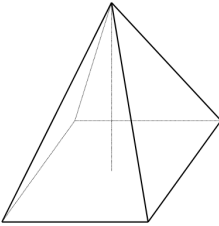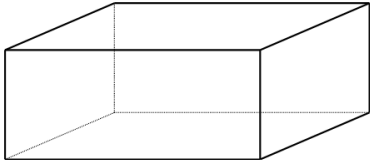
Recognise and name cuboids, pyramids and spheres	Component 7	Entry 2.2

Name ………………………………………………………………...

1   Circle the correct name for each shape.

a)   sphere   pyramid

b)   cuboid   pyramid

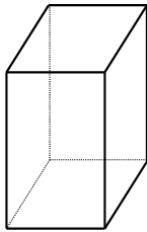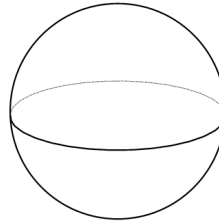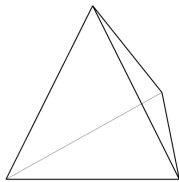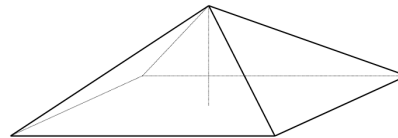c)   cuboid   pyramid

2   Name each of the shapes shown below.

a)

b)

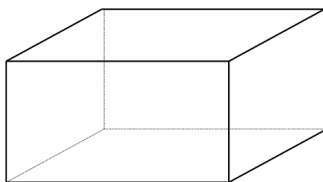--   --

c)

d)

--   --

e)

f)

--   --
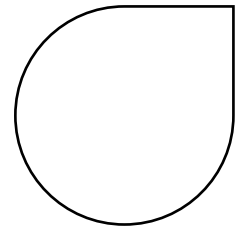
2.2

Describe the properties of 2D shapes, including straight and curved edges	Component 7	Entry 2.3

Name ……………………………………………………………………...

1   Shade in the shapes that have **only straight edges.**
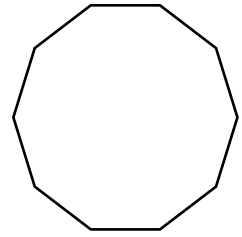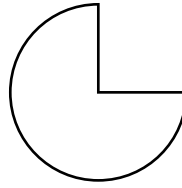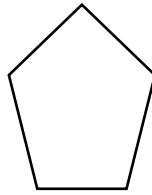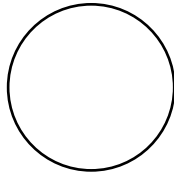
2   Shade in the shapes that have **exactly 2 straight edges.**
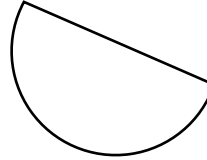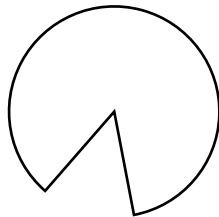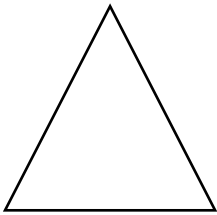
3 Draw a shape that has exactly

a)   5 straight edges   b)   4 vertices
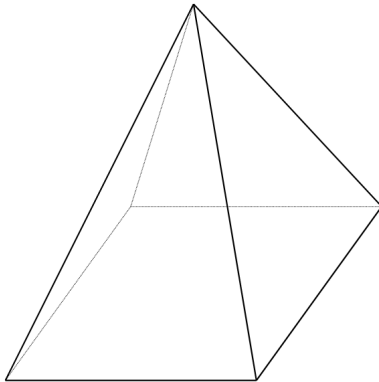
4 Draw a shape that has exactly

a)   3 straight edges and 1 curved edge   b)   2 straight edges and 2 curved edges

2.3

Describe the properties of solids	Component 7	Entry 2.4

Name …………………………………………………………………...

1   Look at the pyramid shown below and complete the following.

Number of faces = ………………………….

Number of edges = ………………………….

Number of vertices = ………………………….

2   Look at the cuboid shown below and complete the following.
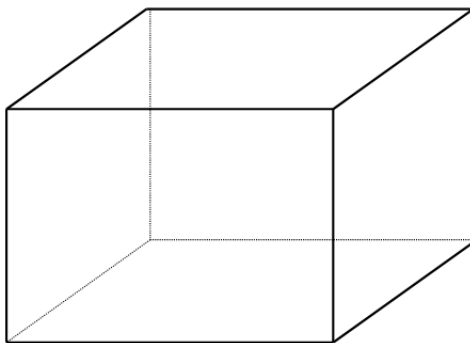
Number of faces = ………………………….

Number of edges = ………………………….
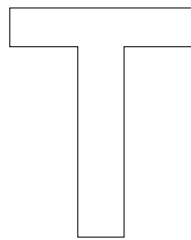
Number of vertices = ………………………….

3 Look at the prism.
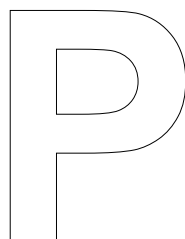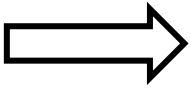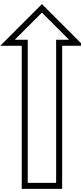
Tick the statements that are true.
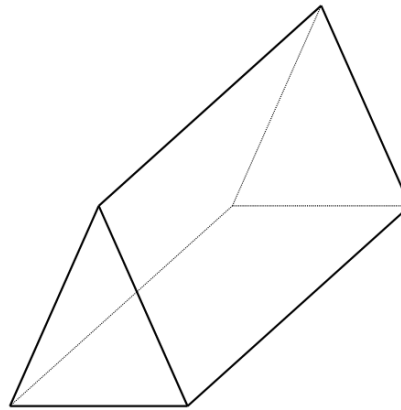
a) The prism has 2 triangular faces

b) The prism has 8 vertices

c) The prism has 9 edges

d) The total number of faces is 5

2.4

Understand angle as a measure of turn	Component 7	Entry 2.5

Name …………………………………………………………………...
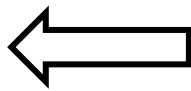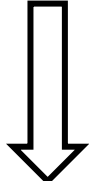
1   Draw the 'T' after it has been turned through **half a turn**.

T

2   Draw the 'P' after it has been turned through **a quarter turn clockwise**.

P

2.5

3   Complete the sentences to describe the direction and size of the turn.

Before   After

a)

………………………….turn, anti-clockwise

b)

…………………….. turn, clockwise

c)

………………………. turn, ………

2.5

Recognise and name prisms, cylinders and cones	Component 7	Entry 3.1

Name ……………………………………………………………...

1   Circle the correct name for each shape.
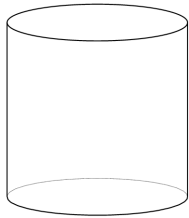
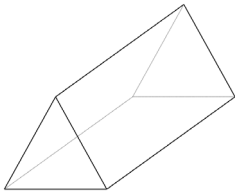a)   cylinder   prism

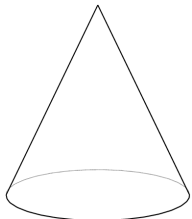b)   prism   cone
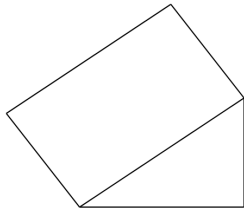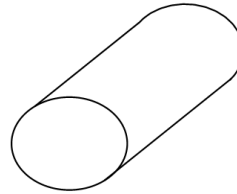
c)   cylinder   cone

2   Name each of the shapes shown below.

a)

b)

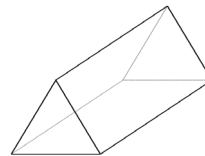c)

d)

e)

f)

3.1
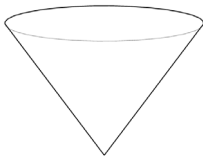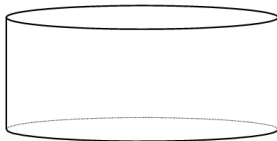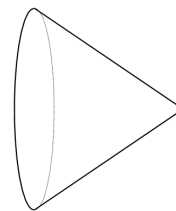
| Draw lines of symmetry on shapes or pictures | Component 7 | Entry 3.2 |

Name ……………………………………………………………………...

1   Draw the lines of symmetry on the following arrows.
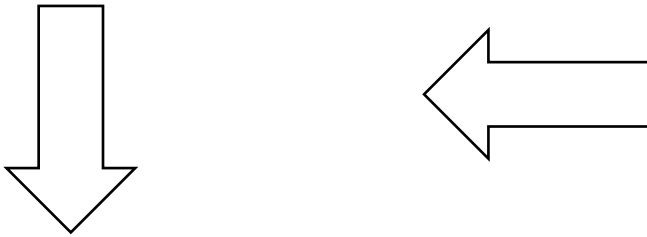
2   Draw the lines of symmetry on the following shapes.
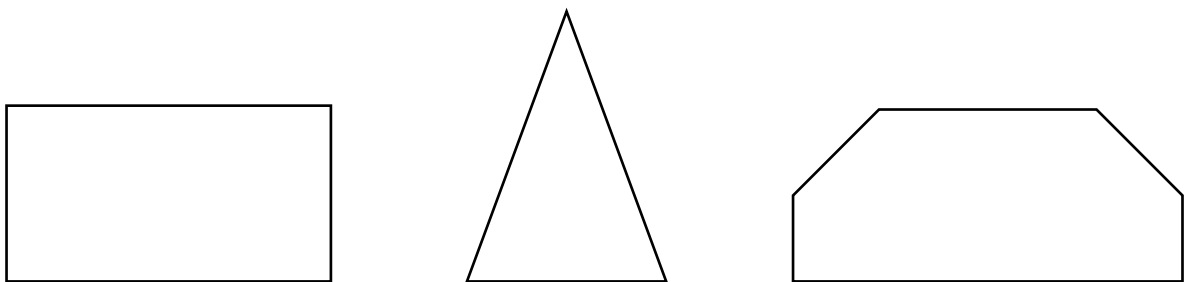
3   Draw the lines of symmetry on the following road signs.

4   Draw the lines of symmetry on the patterns.

3.2
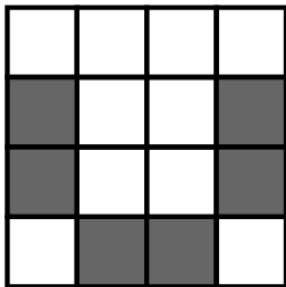
| Recognise and draw nets of cubes and cuboids | Component 7 | Entry 3.3 |

Name ………………………………………………………………...

1   Circle the nets shown below that would fold to make a cube.

3.3
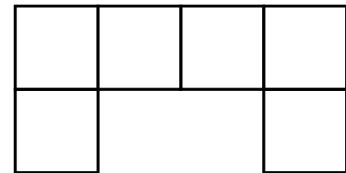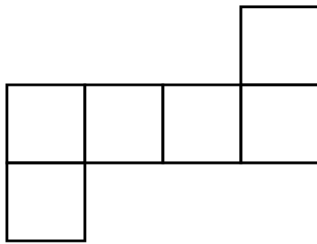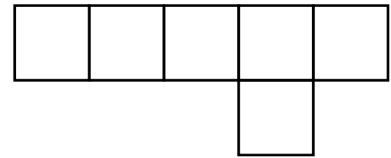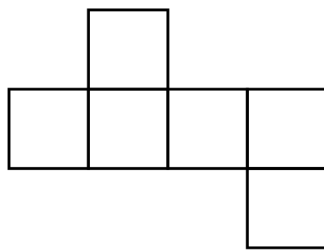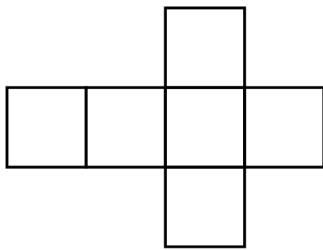
2   Complete the net of a cuboid shown below.

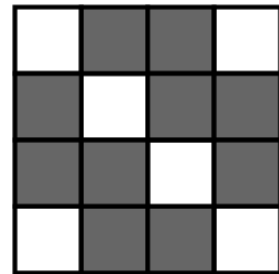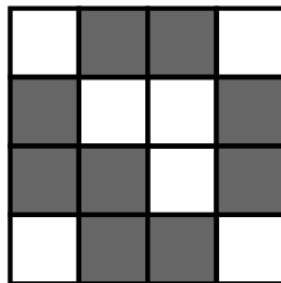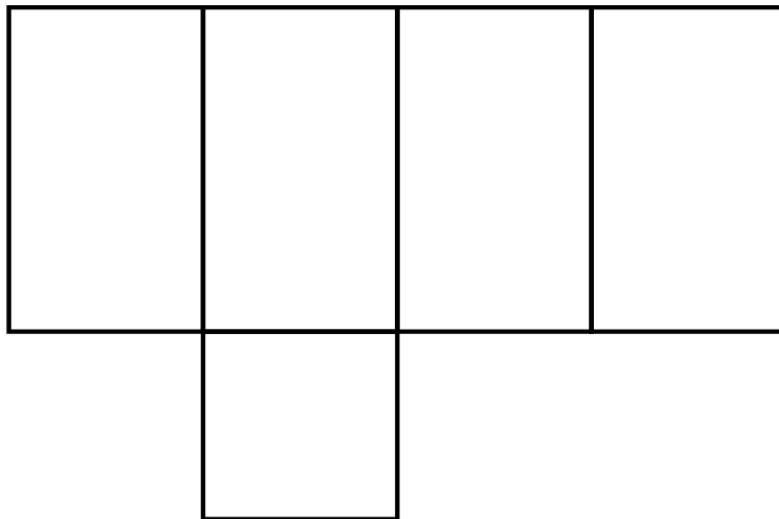| Identify whether an angle is less or more than a right angle	Component 7	Entry 3.4

Name ……………………………………………………………………...

1   Look at the angles.

   Circle the angles that are **less than a right angle**.

2   Look at the angles.

   Circle the angles that are **more than a right angle**.
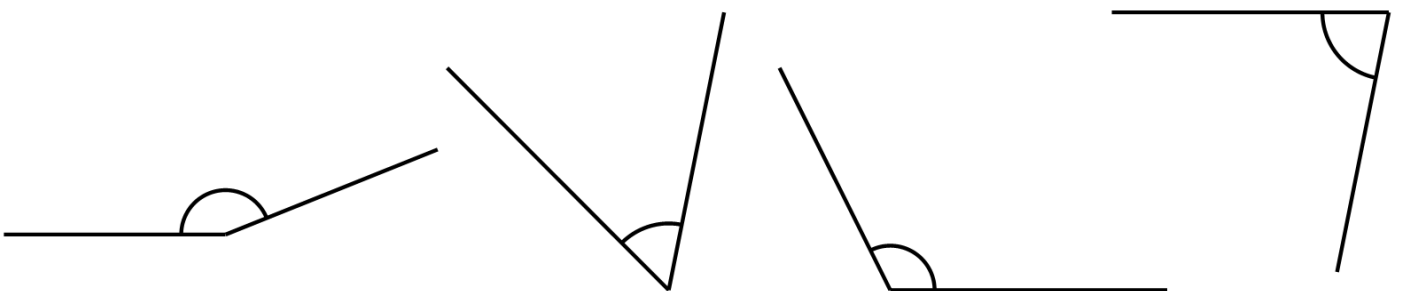
3.4 | | 2.5 |

3   Look at the triangles below.

Shade in the angles that are **less than a right angle**.
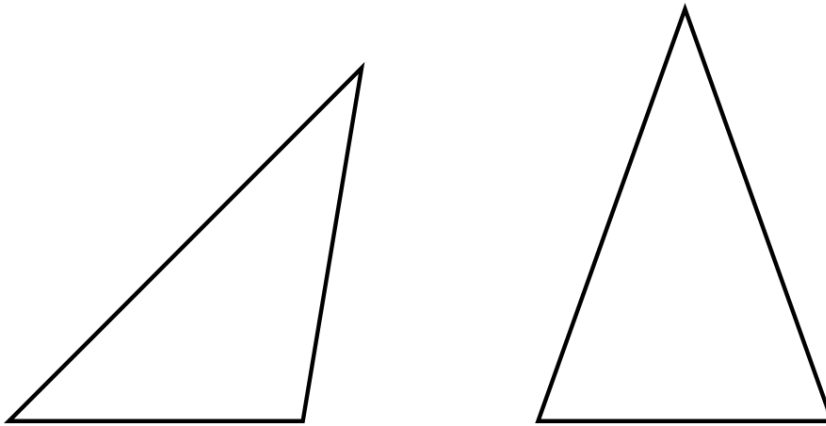
| 3.4 | | 2.5 | |

Identify horizontal, vertical and parallel lines	Component 7	Entry 3.5

Name ………………………………………………………………………...

1   Using the words given in the box, complete the sentences.

parallel   horizontal   vertical

a) | this is a …………………………………………… line

b)   ⟋⟋   these lines are ……………………………………………

c)   —   this is a …………………………………………… line

2   Look at the shapes.

     On each shape tick the 2 sides that are parallel
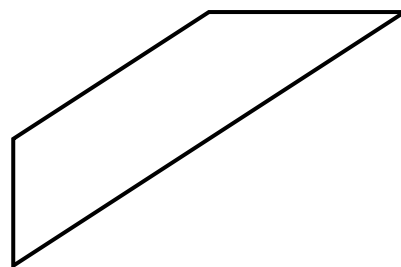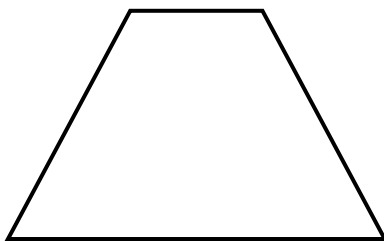
3   Look at the pattern below.
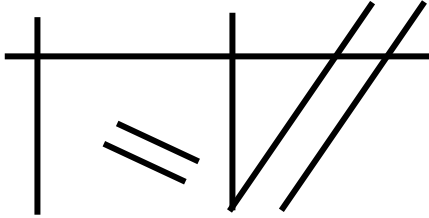
a)   How many horizontal lines are there?   ……………………….

b)   How many vertical lines are there?   ……………………….

c)   How many pairs of parallel lines are there? ……………………….

3.5

Denote the position of a point on a grid by its coordinates or identify a point or item given its coordinates	Component 7	Entry 3.6

Name …………………………………………………………………...

1   Plot the following points on the grid.

(a)   A (2 , 5)

(b)   B (7 , 1)

(c)   C (3 , 9)

(d)   D (5 , 7)

(e)   E (0 , 8)

(f)   F (5 , 0)

(g)   G (8 , 9)

2   Look at the grid below.

Write down the co-ordinates of each letter.

A   (.......... , ...)

B   (.......... , ...)

C   (.......... , ...)
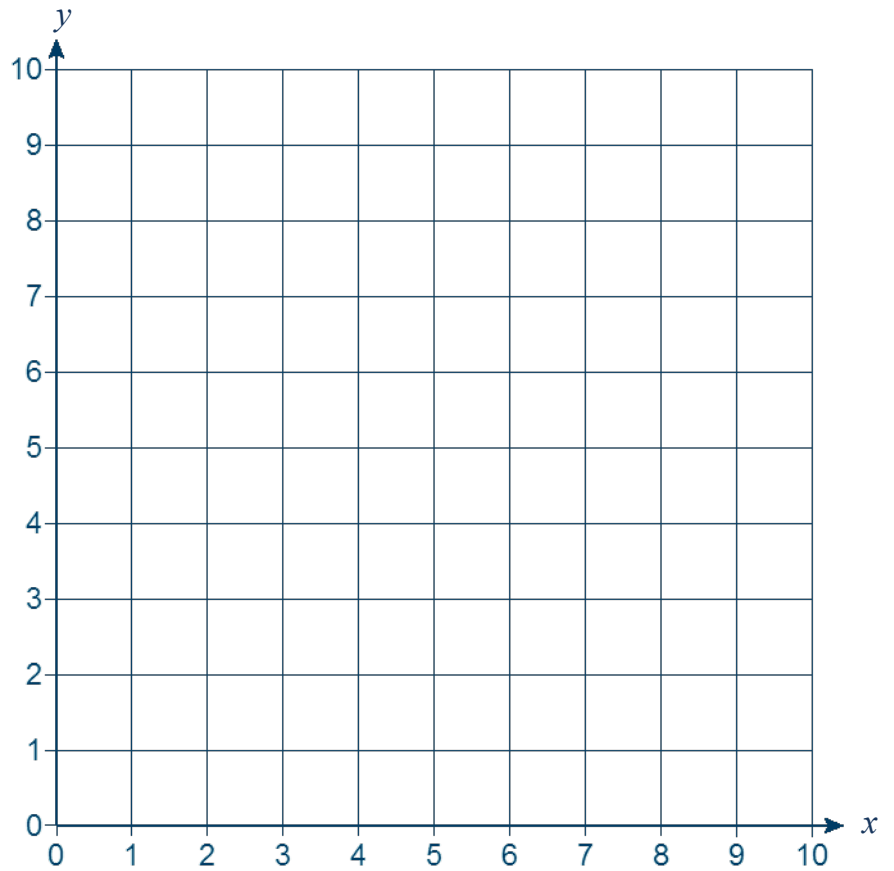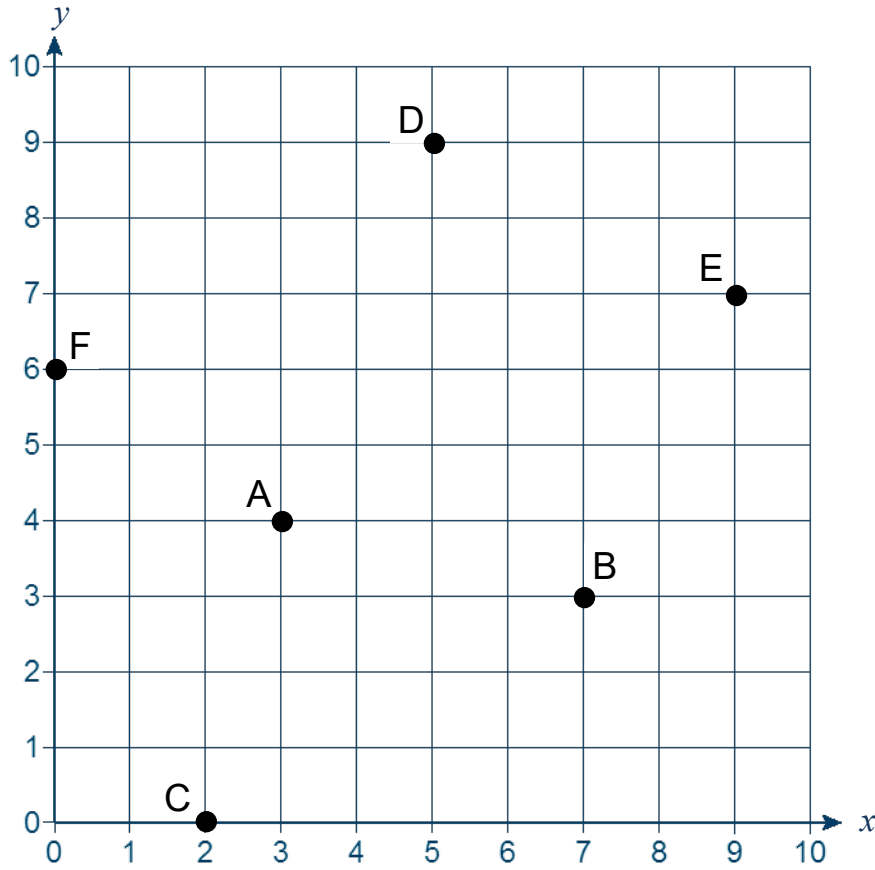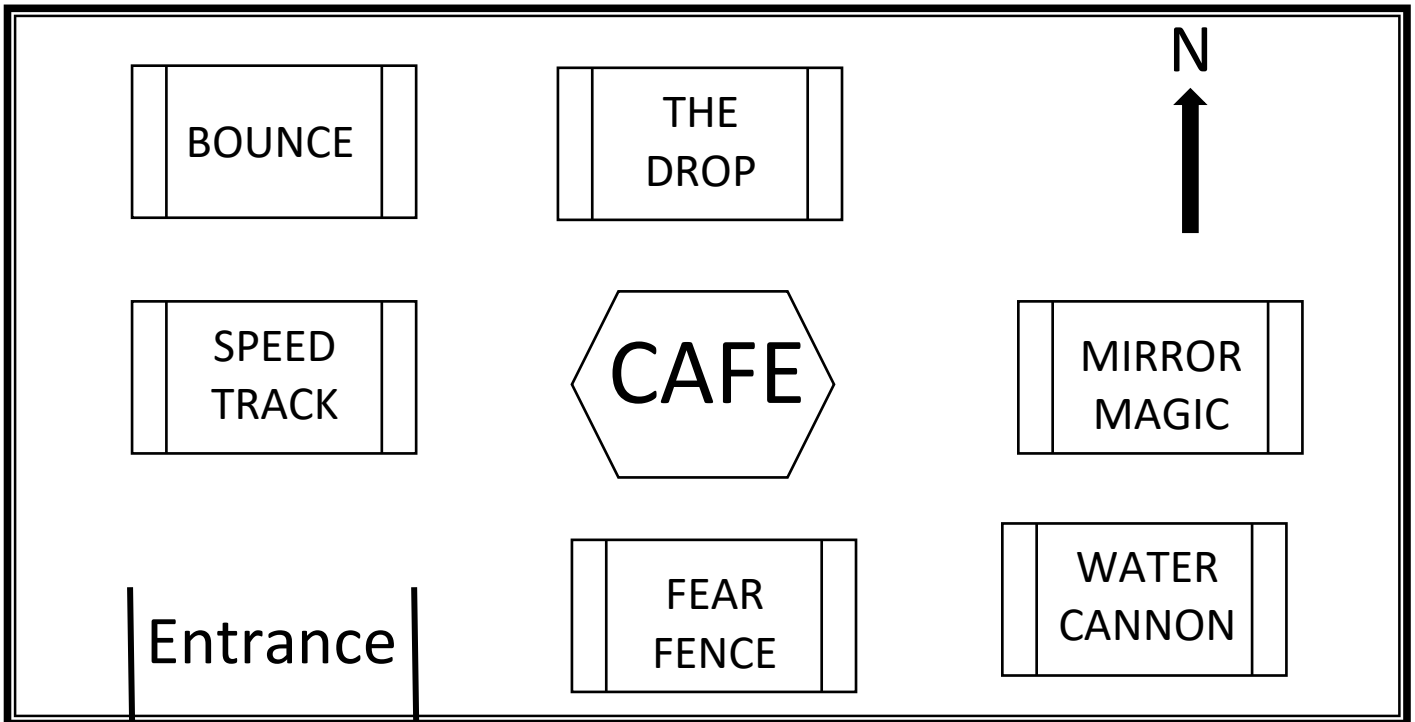
D   (.......... , ...)

E   (.......... , ...)

F   (.......... , ...)

3.6

Use North (N), East (E), South (S) and West (W) to give directions or position from a map	Component 7	Entry 3.7

Name …………………………………………………………………………...

Look at the map of part of a theme park shown below.

1   Dave is at the Speed Track. Looking directly north which ride can he see?

     ………………………………………………………………………………………………

2   Helen is at the café. Which direction must she walk to get to Mirror Magic?

     ………………………………………………………………………………………………

3   Karl is at Fear Fence. Which direction must he walk to get to Speed Track?

     ………………………………………………………………………………………………

4   Which ride is South East of the Café?

     ………………………………………………………………………………………………

3.7