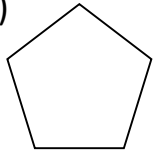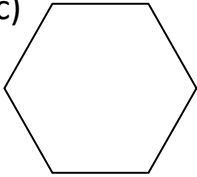Name: _____   Date: _____

2D Shapes and Symmetry
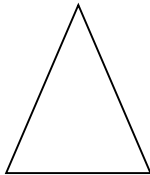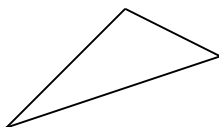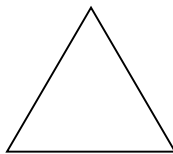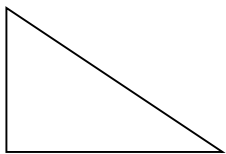
1. Draw an example of these lines.

a) parallel	b) horizontal	c) vertical	d) perpendicular

2. Fill in the necessary information in the table below.

Shape	Name	Sides	Angles	Symmetry
a)				
b)				
c)				

3. Colour the right-angled triangle in RED, the isosceles triangle in BLUE and the equilateral triangle in GREEN. Leave the scalene triangle in WHITE.

a)	b)	c)	d)

Name: _____   Date: _____

4. In the space below, draw the named shape.

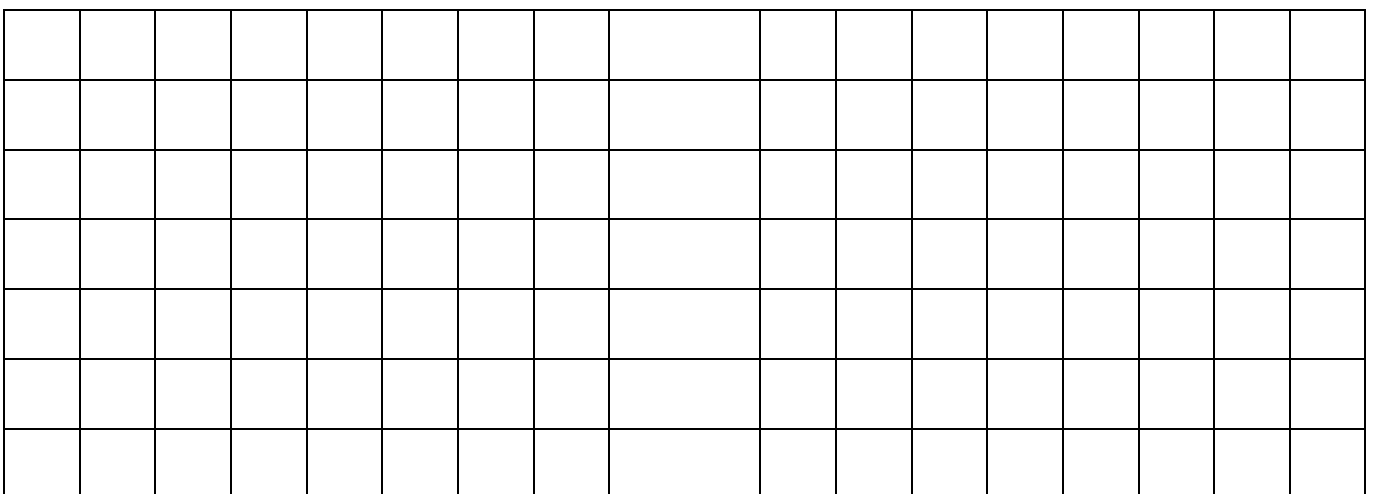| a) a regular triangle	b) an irregular quadrilateral

5. Which of the following shapes have:

a) line symmetry?   _____

b) rotational symmetry? _____
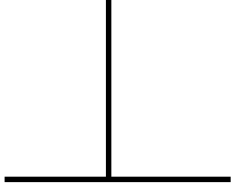
A	B	C	D
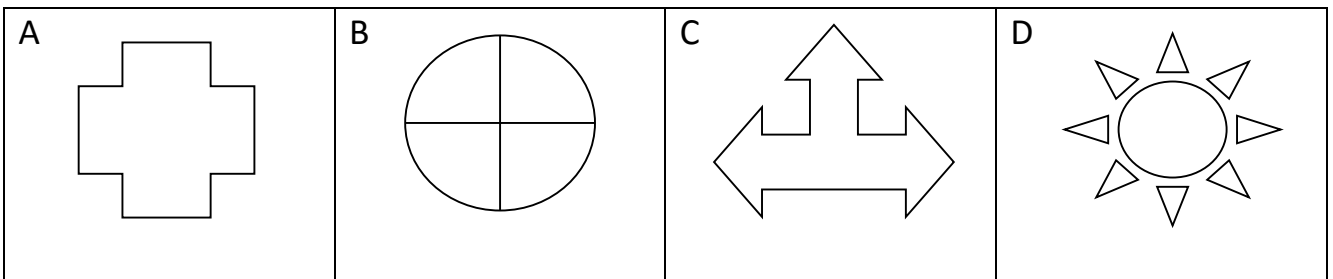
6. In the grid below, draw and colour a picture with one line of vertical symmetry.

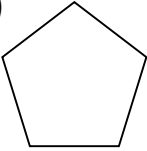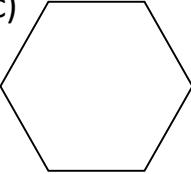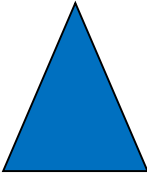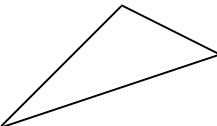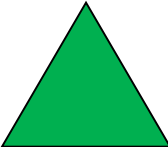# Answers
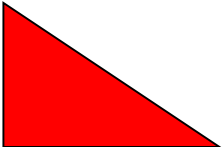
1. Draw an example of these lines.

a) parallel	b) horizontal	c) vertical	d) perpendicular
——— ———	———	|	⊥
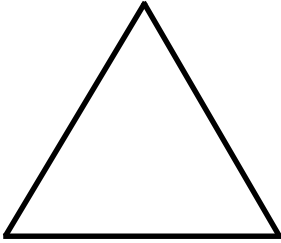
2. Fill in the necessary information in the table below.

Shape	Name	Sides	Angles	Symmetry
a)	pentagon	5	5	5
b)	rectangle	4	4	2
c)	hexagon	6	6	6

3. Colour the right-angled triangle in RED, the isosceles triangle in BLUE and the equilateral triangle in GREEN. Leave the scalene triangle in WHITE.

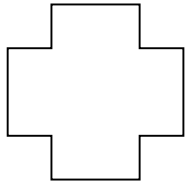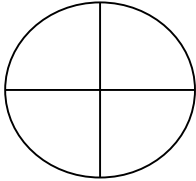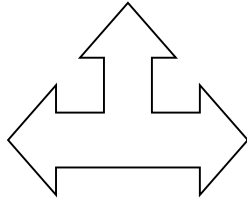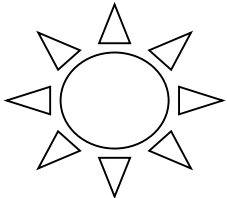| a)	b)	c)	d)

4. In the space below, draw the named shape.

a) a regular triangle	b) an irregular quadrilateral

5. Which of the following shapes have:

a) line symmetry?   **A, B, C, D**

b) rotational symmetry? **A, B, D**

A	B	C	D