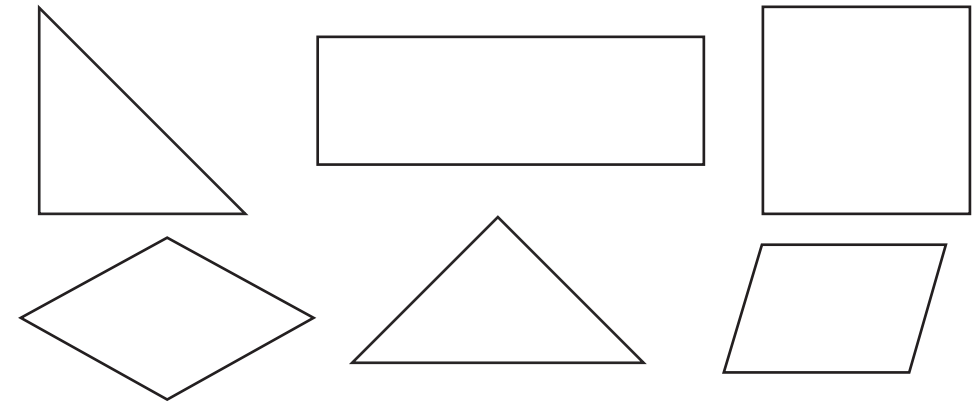


Chilli Challenge Year 4 Geometry Maths Cards

Shapes

Label the following shapes: equilateral triangle, right - angled triangle, square, rectangle, parallelogram, rhombus.
Can you colour all the quadrilaterals blue?

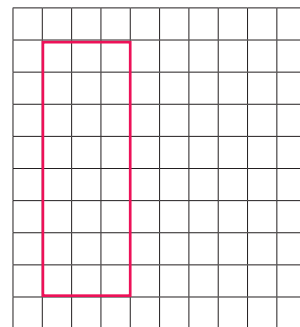
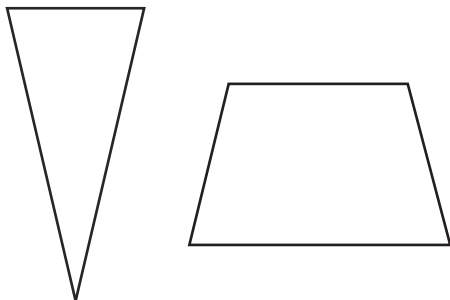


Lines

Identify lines of symmetry in 2D shapes about a vertical line of symmetry

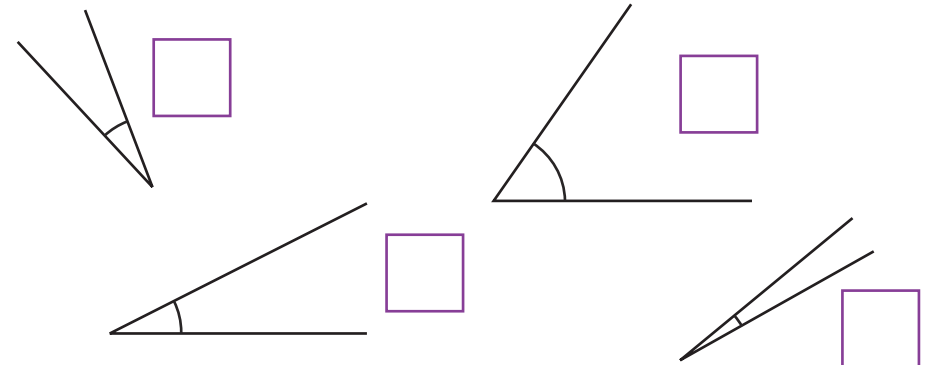
Draw lines of symmetry in these shapes:

Complete a symmetry figure.



Angles

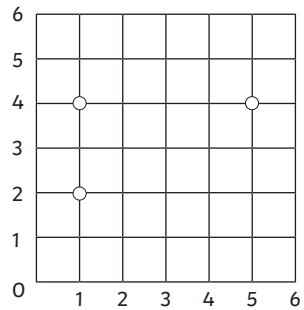
Order the angles from smallest (1) to largest (4).



Coordinates

Describe positions on a 2D grid as coordinates in the quadrant. Plot specified points and draw sides to complete a given polygon.

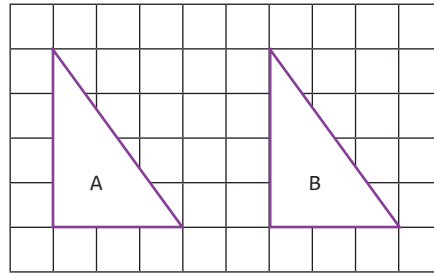
What are the coordinates of the point that will complete a rectangle.



Label A, B and C
Coordinates are:

- A (1,2)
- B (1,4)
- C (5,4)

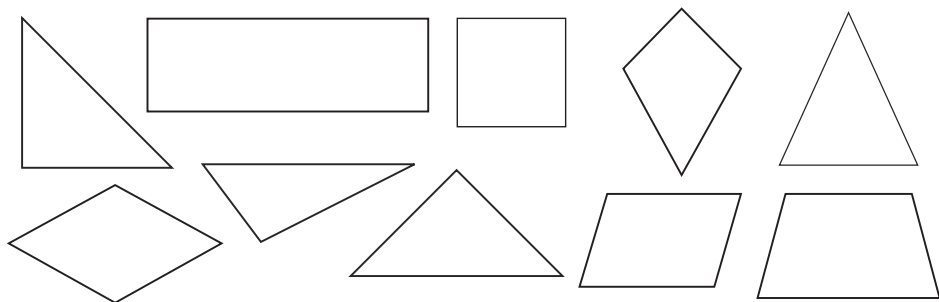
Describe the translation from shape A to B.





Shapes

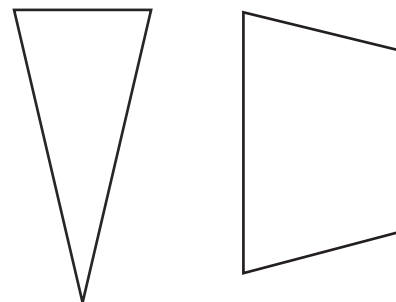
Label the following shapes: equilateral triangle, right - angled triangle, isosceles triangle, scalene triangle, square, rectangle, parallelogram, rhombus, trapezium, kite.
Can you colour all the quadrilaterals blue?



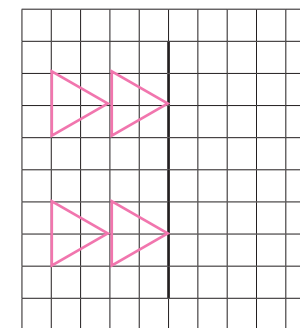
Lines

Identify lines of symmetry in 2D shapes about a vertical line of symmetry

Draw lines of symmetry in these shapes:

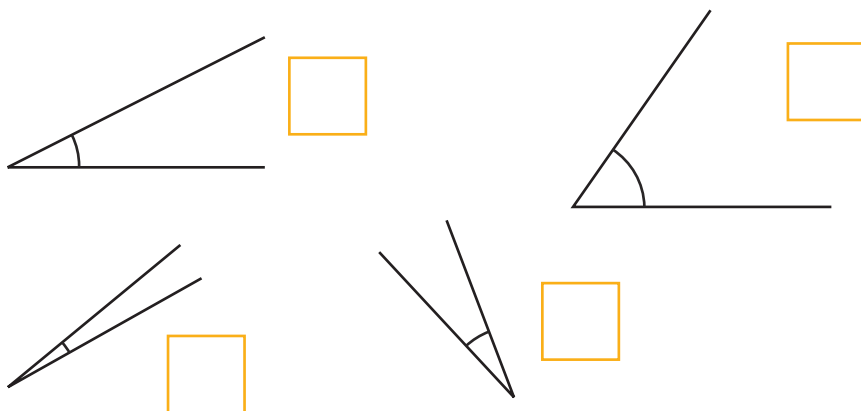


Complete a symmetry figure.



Angles

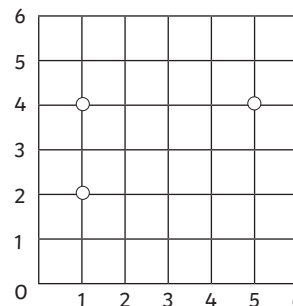
Order the angles from smallest (1) to largest (4).



Coordinates

Describe positions on a 2D grid as coordinates in the quadrant. Plot specify points and draw sides to complete a given polygon.

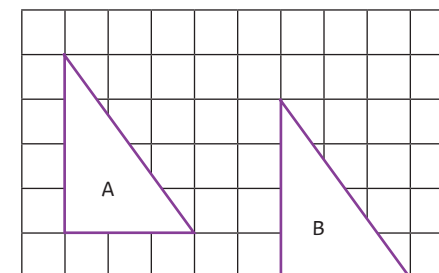
What are the coordinates of the point that will complete a rectangle?



Label A,B and C
Coordinates are:

- A (1,3)
- B (1,2)
- C (5,4)

How has the shape been translated?

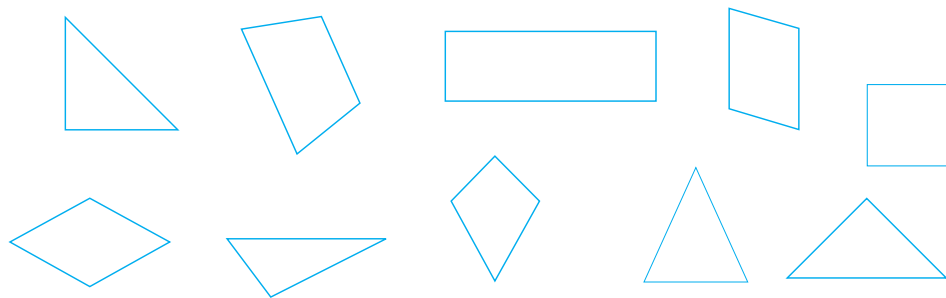




Shapes

Label the following shapes: equilateral triangle, right - angled triangle, isosceles triangle, scalene triangle, square, rectangle, parallelogram, rhombus, trapezium, kite.

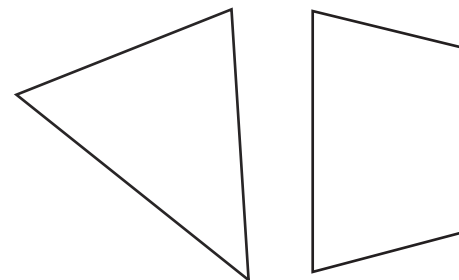
Can you colour all the quadrilaterals blue?



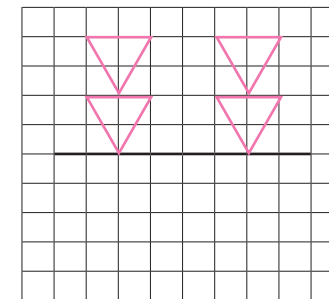
Lines

Identify lines of symmetry in 2D shapes about a vertical line of symmetry

Draw lines of symmetry in these shapes:



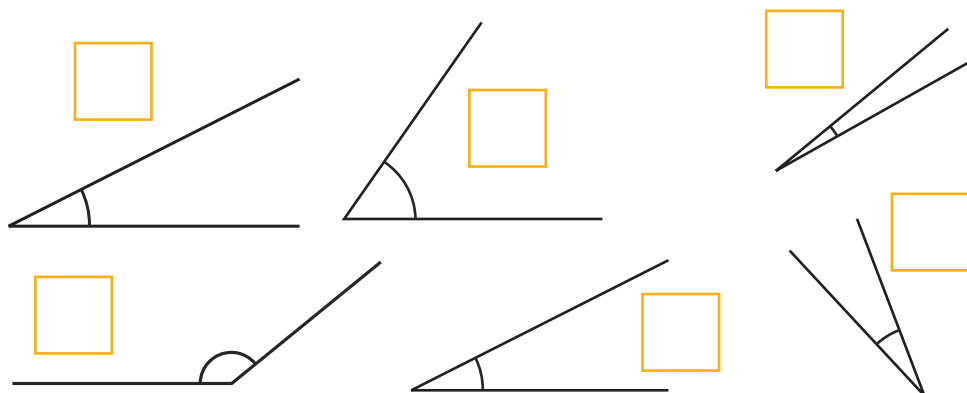
Complete a symmetry figure.



Angles

Colour acute angles red and obtuse angles green.

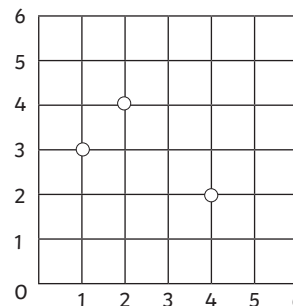
Order these angles from smallest (1) to largest (6).



Coordinates

Describe positions on a 2D grid as coordinates in the quadrant. Plot specify points and draw sides to complete a given polygon.

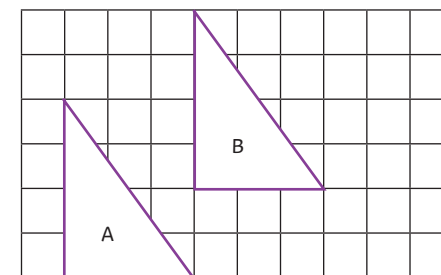
What are the coordinates of the point that will complete a rectangle?



Label A,B and C
Coordinates are:

- A (1,3)
- B (2,4)
- C (4,2)

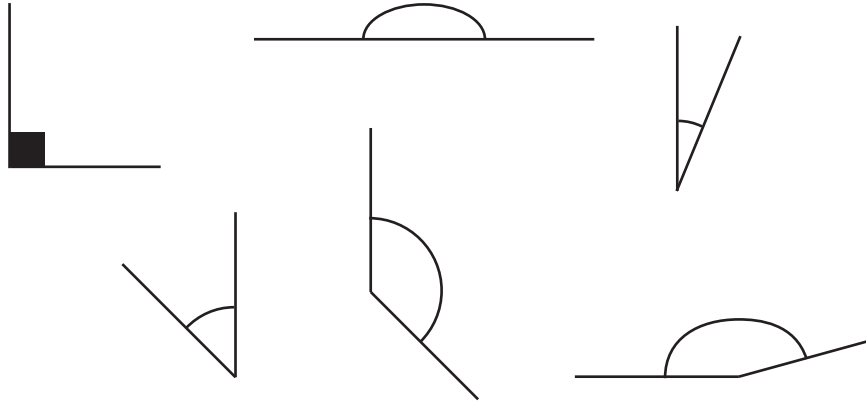
How has the shape been translated?





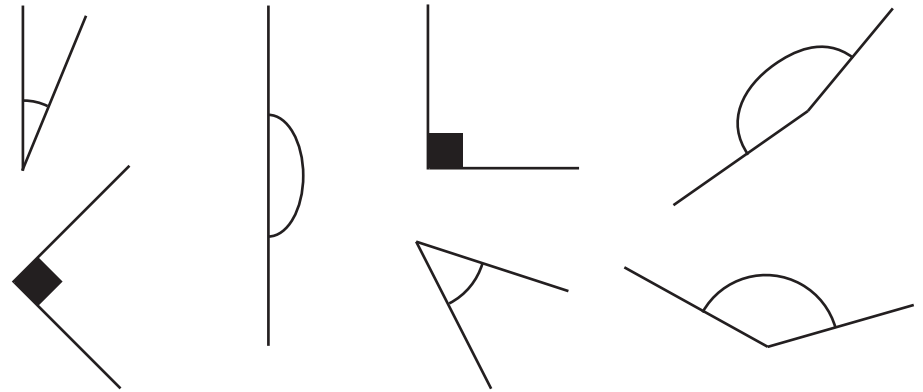
Angles

Circle the obtuse angles.



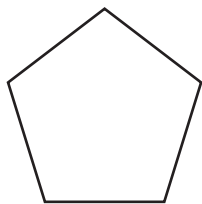
Angles

Colour the acute angles red, the right angles blue and the obtuse angles green.

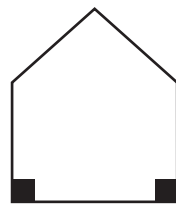


Angles

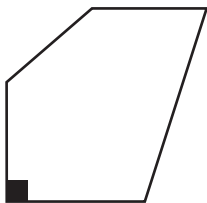
Count the number of angles in each shape.



___ acute angles
___ right angles
___ obtuse angles



___ acute angles
___ right angles
___ obtuse angles

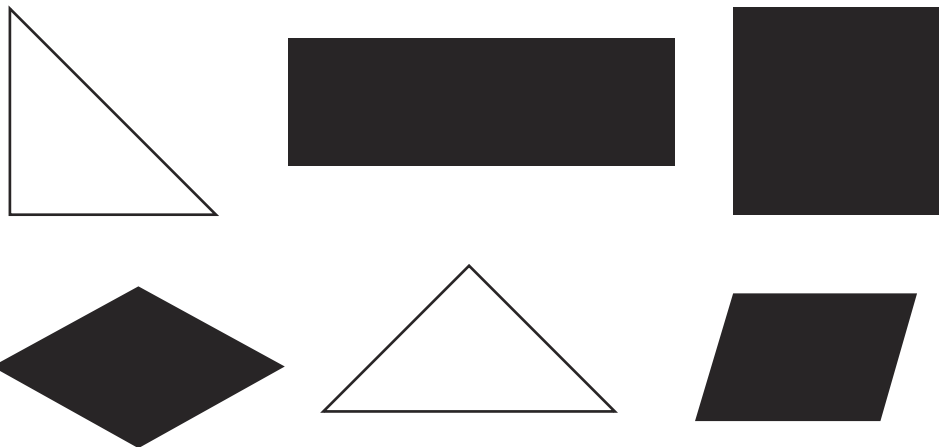


___ acute angles
___ right angles
___ obtuse angles

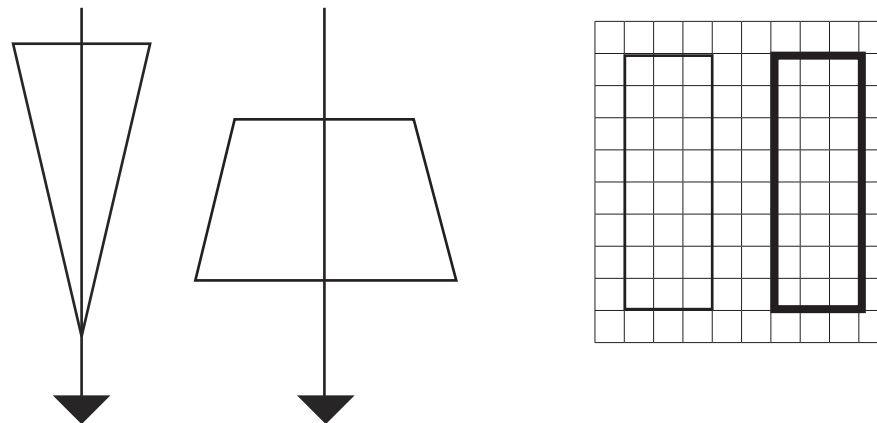


___ acute angles
___ right angles
___ obtuse angles

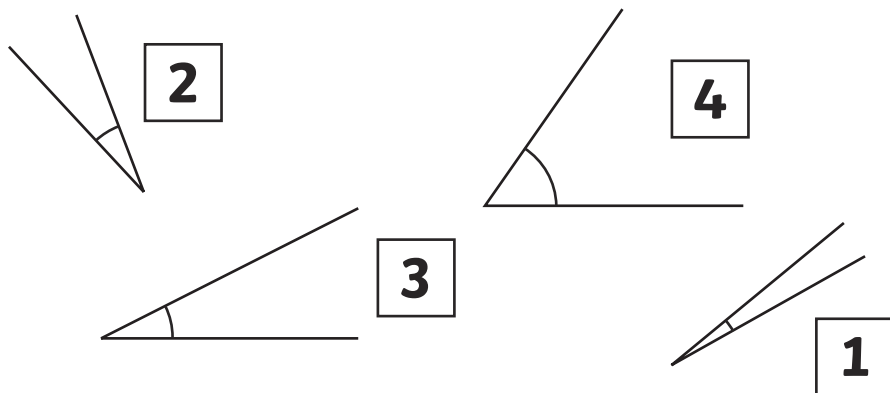
Shapes Answers



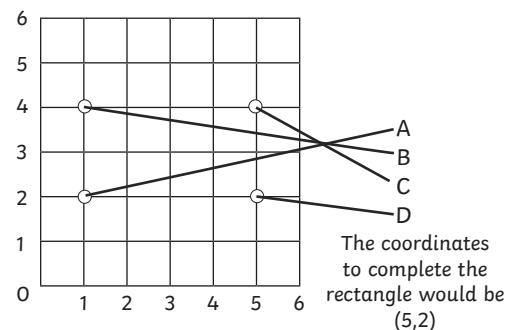
Angles Answers



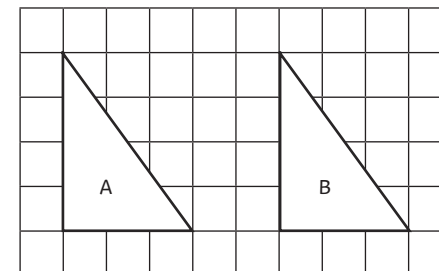
Lines Answers



Coordinates Answers



The translation would be move shape A five squares to the right.

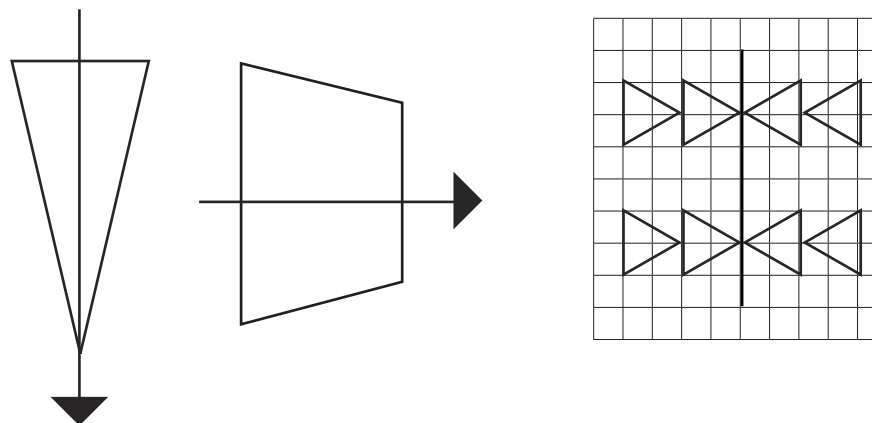




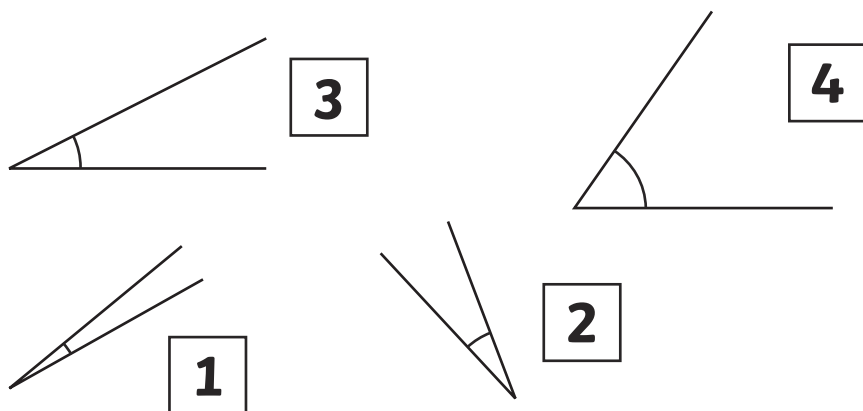
Shapes Answers



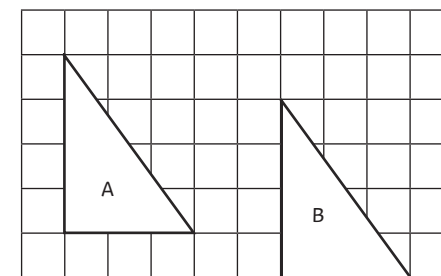
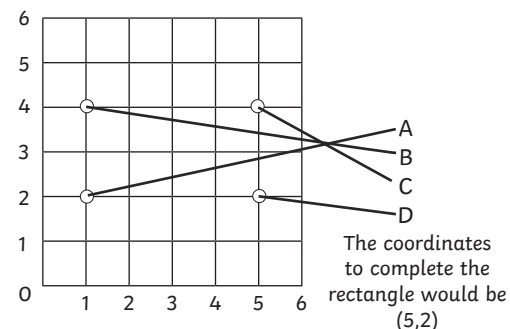
Angles Answers



Lines Answers

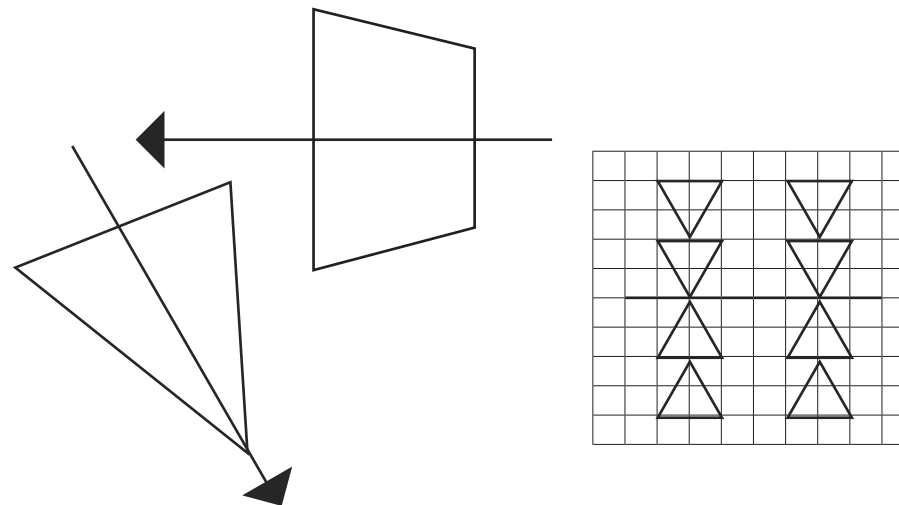
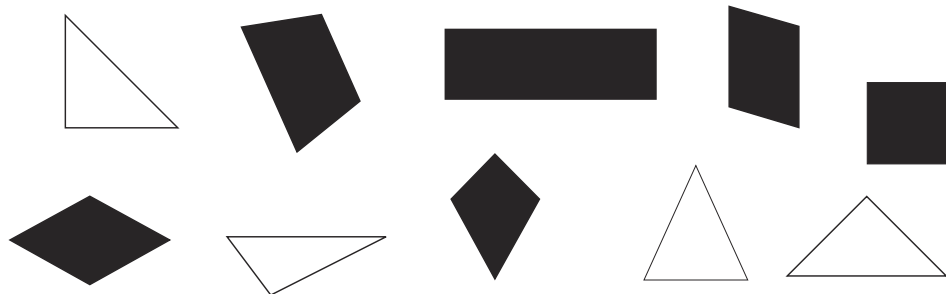


Coordinates Answers

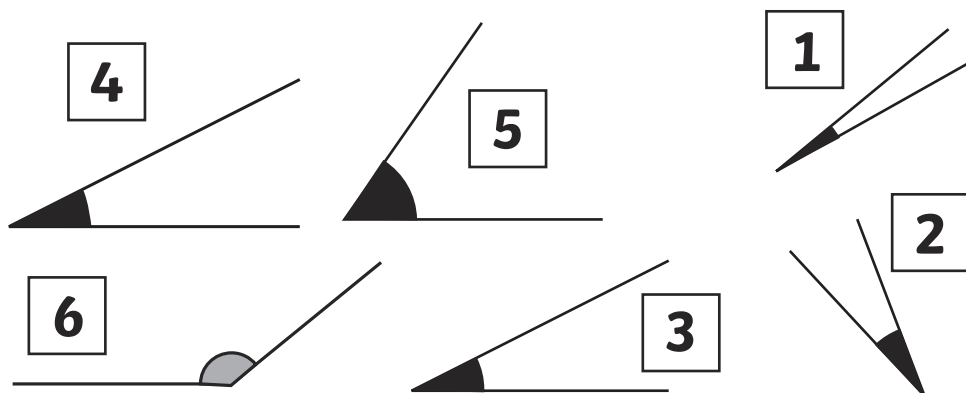


The translation would be **move shape A down 1 square, right 5 squares.**

Answers will vary depending on the properties chosen to sort and classify the shapes.



Angles Answers

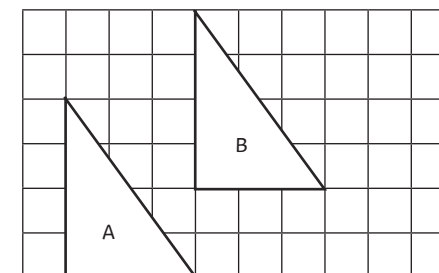
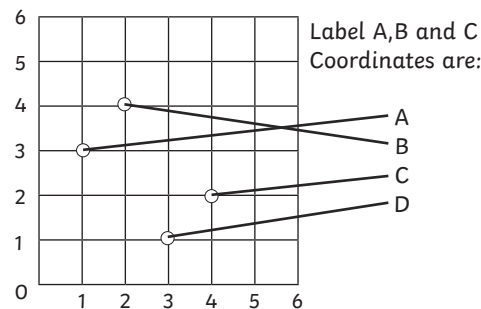


 obtuse  acute

Coordinates Answers

The coordinates of the point that will complete the rectangle are (3,1)

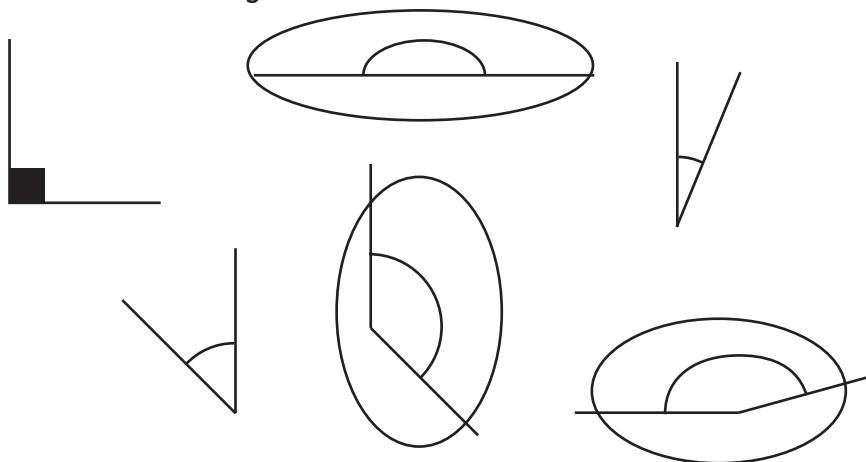
The translation to **move shape A** would be **move 3 squares right and 2 squares up.**





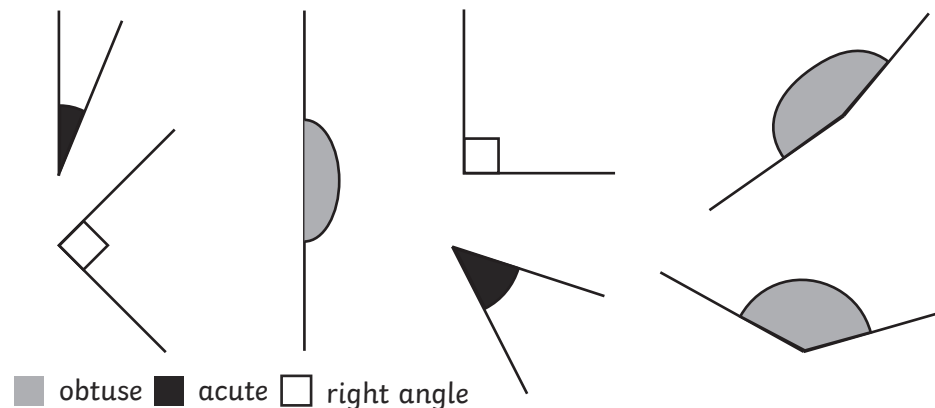
Angles Answers

Circle the obtuse angles.



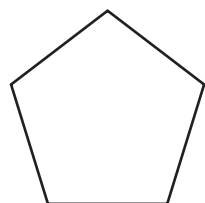
Angles Answers

Colour the acute angles red, the right angles blue and the obtuse angles green.



Angles Answers

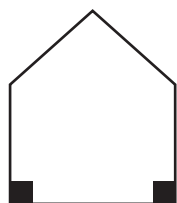
Count the number of angles in each shape.



0 acute angles

0 right angles

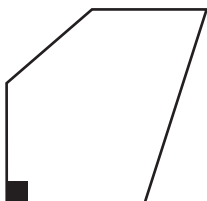
5 obtuse angles



0 acute angles

3 right angles

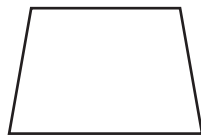
2 obtuse angles



1 acute angles

1 right angles

3 obtuse angles



2 acute angles

0 right angles

2 obtuse angles