

Name:

Exam Style Questions

2D Shapes



Corbettmaths

Equipment needed: Pen, pencil & ruler

Guidance

1. Read each question carefully before you begin answering it.
2. Check your answers seem right.
3. Always show your workings

Video Tutorial

www.corbettmaths.com/contents

Video 1



Answers and Video Solutions

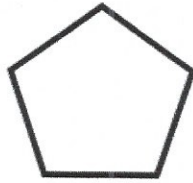


1. The names of five shapes are given.

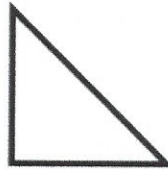


pentagon triangle hexagon kite rectangle

Three of them are drawn below.



A



B



C

Complete these statements.

Shape A is called a Pentagon.....

Shape B is called a triangle.....

Shape C is called a Rectangle.....

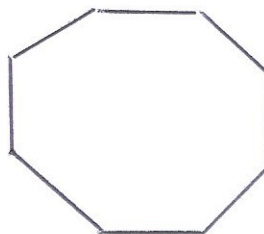
(3)

2. (a) How many sides does a hexagon have?



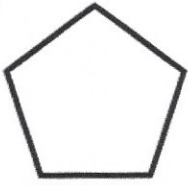
6.....sides
(1)

(b) Draw an octagon.

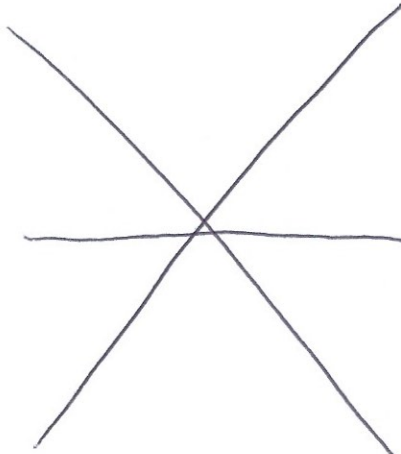
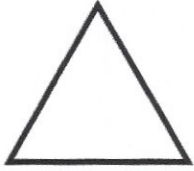


(1)

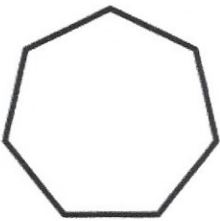
3. Below is a list of shapes and their names.



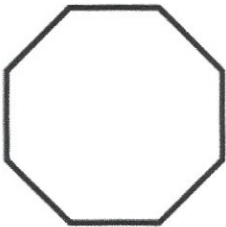
Pentagon



Octagon



Heptagon

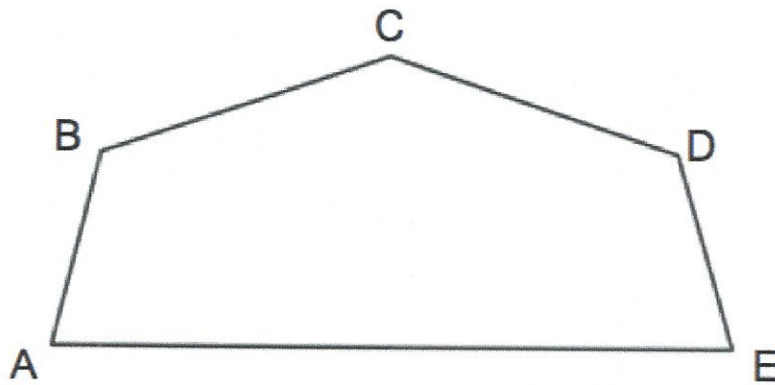


Triangle

Match each shape to the correct name.

(4)

4. Shown is a shape ABCDE.



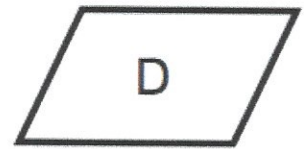
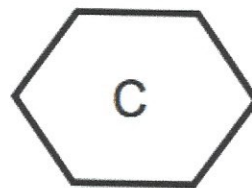
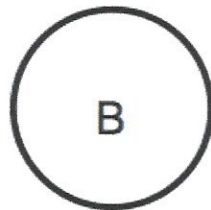
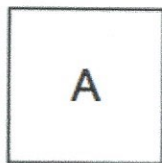
(a) What is the name of shape ABCDE?

Pentagon
.....
(1)

(b) Measure the length of line AE.

* depends on printing
.....9.....cm
(1)

5.



(a) Which shape is a circle?

Shape.....B.....
(1)

(b) Which shape is a hexagon?

Shape.....C.....
(1)

(c) Which shape is a square?

Shape.....A.....
(1)

(d) Which shape is a parallelogram?

Shape.....D.....
(1)

6. Circle the shape that has the most sides.



Triangle

Hexagon

Pentagon

Quadrilateral

(1)

7. Circle the shape with the least number of sides.



Nonagon

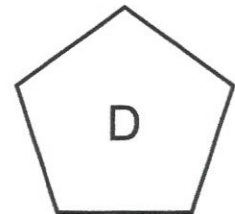
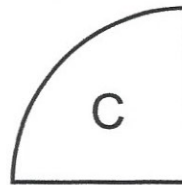
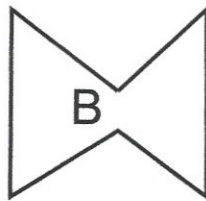
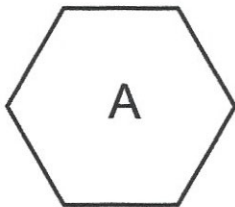
Decagon

Heptagon

Octagon

(1)

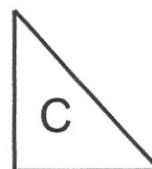
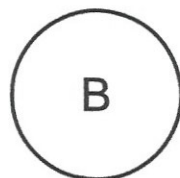
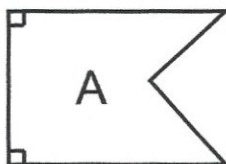
8.



Which shape is not a polygon?

Shape.....*C*.....
(1)

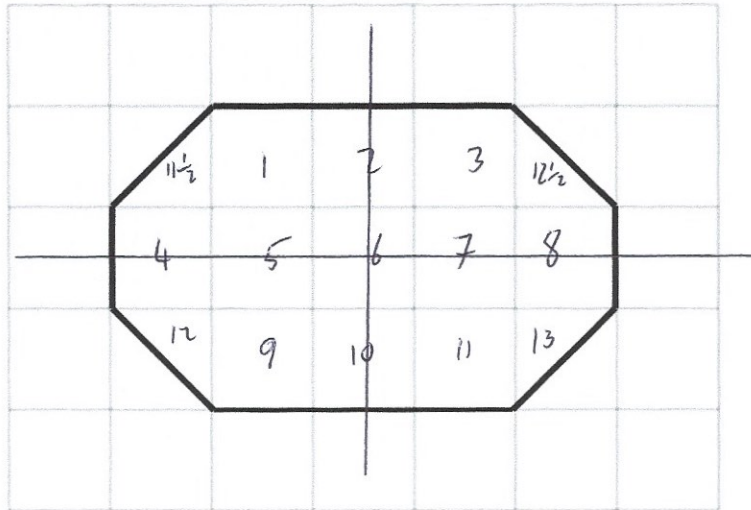
9.



Which shape is a regular polygon?

Shape.....*D*.....
(1)

10. A shape is drawn on a centimetre square grid.



(a) What is the mathematical name of the shape?

.....*Octagon*.....
(1)

(b) Draw any lines of symmetry on the shape.

(1)

(c) Find the area of the shape.

.....13.....cm²
(1)