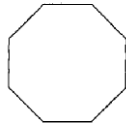


## 2D shapes

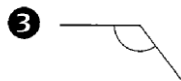
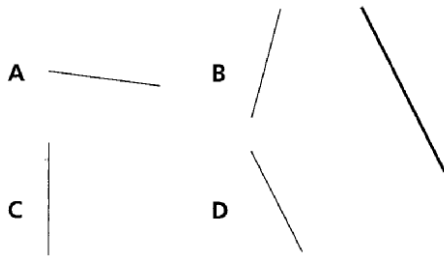
Circle the correct answer.

- 1 Ronnie drew this shape.  
What is the shape?

A pentagon  
B parallelogram  
C hexagon  
D octagon



- 2 Which line is parallel to the red line?



The angle above is a/an:

A right angle      B acute angle  
C obtuse angle      D straight angle

- 4 How many degrees are in a right-angled triangle? *Hint 1*

A 90°    B 100°    C 150°    D 180°

- 5 Which shape has four sides, opposite sides that are equal and parallel, and all angles 90°?

A square      B rectangle  
C pentagon      D kite

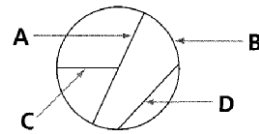
- 6 An isosceles triangle has:

A all sides equal  
B no equal angles  
C two equal angles and two equal sides  
D one right angle and no equal sides

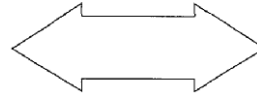
- 7 Which of these quadrilaterals has four equal sides? *Hint 2*

A kite      B rectangle  
C parallelogram      D rhombus

- 8 Which part of this circle is the diameter?



- 9 How many lines of symmetry can be drawn in this shape? *Hint 3*



A 1      B 2  
C 3      D 4

- 10 Which of these letters would look the same if viewed in a mirror? *Hint 4*

A **M**      B **G**  
C **L**      D **N**

- 11 How many rectangles of any size are in this shape? *Hint 5*



A 5      B 6  
C 7      D 8

- 12 If the radius of a circle is 4 cm what is the diameter? *Hint 6*

A 2 cm      B 6 cm  
C 8 cm      D 12 cm

*Hint 1: All triangles have the same number of degrees.*

*Hint 2: This is one of the less common quadrilaterals.*

*Hint 3: Think vertically and horizontally.*

*Hint 4: Mirror images will look the same if the shape has a vertical line of symmetry.*

*Hint 5: Count single and then double rectangles.*

*Hint 6: The radius goes half way.*