Multiple choice questions - Angles and polygons

Year: Year 5 · 10

Question 1 Which angle is obtuse?

- ◯ **A.** 130°
- ◯ **B.** 90°
- ◯ **C.** 45°
- ◯ **D.** 200°

Question 2 How many degrees are on a straight line?

- ◯ **A.** 90
- ◯ **B.** 180
- ◯ **C.** 360
- ◯ **D.** 100

Question 3 Angles at a point 120 and 150. What is the third angle?

- ◯ **A.** 80°
- ◯ **B.** 270°
- ◯ **C.** 90°
- ◯ **D.** 30°

Question 4 Which is a reflex angle?

- ◯ **A.** 170°
- ◯ **B.** 95°
- ◯ **C.** 180°
- ◯ **D.** 300°

Question 5 How many sides has a hexagon?

- ◯ **A.** 6
- ◯ **B.** 5
- ◯ **C.** 7
- ◯ **D.** 8

Question 6 Which polygon is regular?

- ◯ **A.** Rectangle
- ◯ **B.** Equilateral triangle
- ◯ **C.** Rhombus

- ◯ **D.** Scalene triangle

Question 7 What is the angle between 12 and 5 on a clock?

- ◯ **A.** 120°
- ◯ **B.** 180°
- ◯ **C.** 150°
- ◯ **D.** 100°

Question 8 Angle on a line is 72. The other angle is?

- ◯ **A.** 18°
- ◯ **B.** 118°
- ◯ **C.** 72°
- ◯ **D.** 108°

Question 9 How many degrees in a three-quarter turn?

- ◯ **A.** 270°
- ◯ **B.** 180°
- ◯ **C.** 360°
- ◯ **D.** 90°

Question 10 What is the perimeter of a regular pentagon with sides 4 cm?

- ◯ **A.** 16 cm
- ◯ **B.** 20 cm
- ◯ **C.** 9 cm
- ◯ **D.** 24 cm

Answer grid - Angles and polygons

Year: Year 5

Question	Answer	Explanation
1	**A**	Between 90 and 180.
2	**B**	A half turn.
3	**C**	360 - 270 = 90.
4	**D**	More than 180.
5	**A**	Hex means six.
6	**B**	All sides and all angles equal.
7	**C**	5 x 30.
8	**D**	180 - 72.
9	**A**	3 x 90.
10	**B**	5 x 4.