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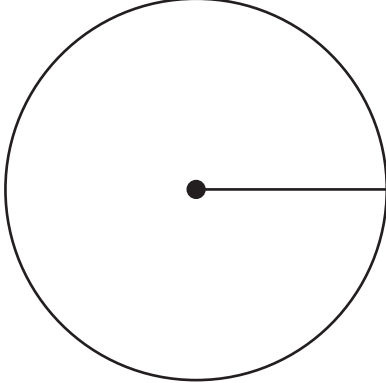
Geometry, Angles, Circles, Triangles, and Linear Symmetry

Theme	Geometry, Angles, Circles, Triangles, and Linear Symmetry
Question 1	If I drew points at (9, 1), (6, 1), (9, –6), (6, –6) and connected all the points, I would have drawn a _____ . • triangle • square • rectangle • rhombus

Question 2	How many lines of symmetry does a kite have? • 0 • 1 • 2 • 3
Question 3	The initial point from which two rays start to form an angle is called: • perpendicular • edge • vertex • face
Question 4	A circle which passes through each of the three vertices of a given triangle is called ____. • circumference • circumcircle • sector • incircle

Question 5	The radius of the circle shown is 5 units. What is the approximate circumference of the circle? (π = 3.14)
	  • 14.24 units • 33.33 units • 31.40 units • 24.41 units
Question 6	One of the pair of complementary angles is 38°. What is the measure of the other angle? • 52° • 82° • 104° • 142°
Question 7	How many lines of symmetry are there in a rhombus? • 0 • 2 • 4 • 6

Question 8	How many faces does a dice have? • 2 • 4 • 6 • 8
Question 9	What is the angle between the hour hand and the minute hand at 3:00 p.m.? • 15° • 45° • 90° • 180°
Question 10	A circle has a radius of 4 cm. What could be the maximum length of a chord in the circle? • 2 cm • 4 cm • 6 cm • 8 cm

- X -

Answers

Answer 1	Rectangle
Answer 2	1
Answer 3	vertex
Answer 4	circumcircle
Answer 5	31.40 units
Answer 6	52°
Answer 7	0
Answer 8	6
Answer 9	90°
Answer 10	8 cm