

Properties of Quadrilaterals; Construction of Quadrilaterals; Circles; Symmetry, Reflection and Rotation; and Recognition of Solids

Question 1	<p>If the angles of a quadrilateral are in the ratio 1 : 4 : 3 : 1, then the measure of the largest angle is</p> <ul style="list-style-type: none">• 100°• 40°• 120°• 160°
Question 2	<p>A quadrilateral whose opposite sides and all the angles are equal is a</p> <ul style="list-style-type: none">• rhombus• parallelogram• rectangle• kite
Question 3	<p>The _____ always lies in the interior of the circle.</p> <ul style="list-style-type: none">• tangent• secant• centre• none of these

Question 4	<p>The _____ divides the circle into two equal parts.</p> <ul style="list-style-type: none"> • diameter • radius • secant • tangent
Question 5	<p>For which of the following, will the diagonals bisect each other at right angle?</p> <ul style="list-style-type: none"> • Rectangle • Parallelogram • Rhombus • Trapezium
Question 6	<p>The number of lines of symmetry for a regular hexagon is _____.</p> <ul style="list-style-type: none"> • 1 • 2 • 3 • 6
Question 7	<p>The number of lines of symmetry for an isosceles trapezium is _____.</p> <ul style="list-style-type: none"> • 1 • 2 • 3 • 4

Question 8	<p>The number of ways a cylinder can be made from a rectangular sheet of paper is</p> <ul style="list-style-type: none">• 1• 2• 4• 6
Question 9	<p>The letter S is rotated till the image looks like the original. The angle of rotation is:</p> <ul style="list-style-type: none">• 180°• 270°• 90°• 360°
Question 10	<p>The tangent is a line which meets the circle at _____.</p> <ul style="list-style-type: none">• 2 points• 3 points• only 1 point• 4 points

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Answers

Answer 1	160°
Answer 2	rectangle
Answer 3	centre
Answer 4	diameter
Answer 5	Rhombus
Answer 6	6
Answer 7	1
Answer 8	2
Answer 9	180°
Answer 10	only 1 point