CITIUS

Geometry, Patterns, Perimeter, Area, and Volume

Theme	**Geometry, Patterns, Perimeter, Area, and Volume**
Question 1	How many lines can be made using four collinear points? • 0 • 1 • 4 • Infinite
Question 2	What angle is made by the minute hand when it travels from 9 to 12? • 30° • 60° • 90° • 180°
Question 3	How many obtuse angles can a triangle have? • 0 • 1 • 2 • 3

Question 4	How many lines of symmetry does a scalene triangle have? • 0 • 1 • 3 • infinite
Question 5	What will be the sixth term in the following pattern? A2Y, B4W, C6U • F6M • F6N • F12T • F12S
Question 6	Ravi takes 6 rounds of a square-shaped park and completes 6 km. What is the length of side of the park? • 0.25 km • 0.5 km • 1 km • 2 km
Question 7	The breadth of a rectangle is 4 cm more than half the length of the rectangle. What is the area of the rectangle, if the length of the rectangle is 10 cm? • 10 cm^2 • 50 cm^2 • 90 cm² • 140 cm²

Question 8	The length of a rectangular garden is thrice its breadth. If the perimeter of the garden is 1200 m, then what is the area of the park? • 45000 m² • 67500 m² • 80000 m² • 120000 m²
Question 9	The area of a square is 36 cm². What is the volume of a cube with its edge same as the length of the square? • 48 cm³ • 72 cm³ • 216 cm³ • 729 cm³
Question 10	How many square tiles of length 15 cm is required to cover a floor of area 9 m²? • 40 • 400 • 600 • 6000

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Answers

Answer 1	1
Answer 2	90°
Answer 3	1
Answer 4	0
Answer 5	F12S
Answer 6	0.25 km
Answer 7	90 cm²
Answer 8	67500 m²
Answer 9	216 cm³
Answer 10	400

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