

## Mathematics 9th Class English Medium Unit 9 Online Test

Sr	Questions	Answers Choice
1	The repeating pattern of regular shapes is called.	A. Tessellation B. Oscillation C. Rotation D. Citation
2	How many equilateral triangles are in a regular hexagon.	A. 4 B. 5 C. 6 D. 8
3	The each interior angle of regular pentagon is.	A. $20^\circ$ B. $108^\circ$ C. $36^\circ$ D. $72^\circ$
4	If the sum of interior angles of a regular polygon is $1440^\circ$ then number of sides are	A. 8 B. 10 C. 12 D. 14
5	The interior and exterior angles of regular hexagon are in the ratio.	A. 1:2 B. 2:1 C. 1:6 D. 2:3
6	The each interior and exterior angle of which regular polygon is equal	A. Square B. Pentagon C. Hexagon D. Heptagon
7	The each interior angle of which regular polygon is $108^\circ$	A. Square B. Pentagon C. Hexagon D. Heptagon
8	The sum of interior angles of which regular polygon is $1080^\circ$	A. Pentagon B. Hexagon C. Heptagon D. Octagon
9	If two Spheres have volumes in the ratio 8:27 then their corresponding lengths are in the ratio.	A. 2:3 B. 4:9 C. 8:18 D. 8:27
10	If radii of two circles are in the ratio 2:3 then their surface areas are in the ratio.	A. 2:3 B. 4:9 C. 8:18 D. 8:27
11	Which of the following is scale factor of area.	A. K B. $K^2$ C. 2K D. $K^3$
12	The quality of two ratios is called	A. Proper factor B. Scale factor C. Area factor D. Proportion
13	The ratio of corresponding sides of similar figures is called	A. Common factor B. Scale factor C. Grading factor D. Proportion
14	Ratio has	A. Fixed B. No symbol C. No unit D. No importance
15	In similar figures corresponding angles are congruent and corresponding sides are	A. Congruent B. Parallel C. Perpendicular D. Proportional

