

## General Math 10th Class English Medium Unit 9 Online Test

Sr	Questions	Answers Choice
1	$1kl = ?$	<p>A. <math>1m^3</math></p> <p>B. <math>10^6 \text{ cm}^3</math></p> <p>C. <math>10^9 \text{ mm}^3</math></p> <p>D. <math>1m^4</math></p>
2	Area has dimensions:	<p>A. one</p> <p>B. two</p> <p>C. three</p> <p>D. four</p>
3	Diagonal of a square with side is:	<p>A. <math>\frac{1}{2}a</math></p> <p>B. <math>2a</math></p> <p>C. <math>2a^2</math></p> <p>D. <math>4a</math></p>
4	Point (2,-4) lies in:	<p>A. I-quadrant</p> <p>B. II-quadrant</p> <p>C. III-quadrant</p> <p>D. IV-quadrant</p>
5	The number of perpendicular bisectors of the sides of a triangle is:	<p>A. 0</p> <p>B. 4</p> <p>C. 3</p> <p>D. 2</p>
6	The volume of a sphere is:	<p>A. <math>\frac{4}{3}\pi r^2 h</math></p> <p>B. <math>\frac{1}{3}\pi r^2 h</math></p> <p>C. <math>\frac{4}{3}\pi r^3</math></p> <p>D. <math>\pi r^2 h</math></p>
7	The distance between the point (2,1) and (-4,3) is:	<p>A. <math>2\sqrt{10}</math></p> <p>B. <math>10\sqrt{10}</math></p> <p>C. 2</p> <p>D. 10</p>
8	The area of four walls of a room when length, breadth and height of a room are given is:	<p>A. <math>l \times b</math></p> <p>B. <math>2h(l + b)</math></p> <p>C. <math>h(l + b)</math></p> <p>D. <math>2(l + b)</math></p>
9	The square of the hypotenuse is equal to the sum of the square of two sides, this statement is called:	<p>A. Factor theorem</p> <p>B. Hero's formula</p> <p>C. Ratio formula</p> <p>D. pythagoras theorem</p>
10	A point in II-quadrant has its abscissa:	<p>A. positive</p> <p>B. negative</p> <p>C. zero</p>

C. zero  
D. onw

11 Who gave the idea of plane:

- A. John Napier
- B. Jobst burgi
- C. Descartes
- D. Arthur cayley

12 The origin has coordinates:

- A. (0,1)
- B. (1,0)
- C. (1,1)
- D. (0,0)

13 The area of an equilateral triangle with side 'a' is:

- A.  $1.5\pi a^2$
- B.  $3a^2/2$
- C.   $\frac{\sqrt{3}}{4}a^2$
- D.  $2a^2$

14 Point (-2,4) lies in:

- A. I-quadrant
- B. II-quadrant
- C. III-quadrant
- D. IV-quadrant

15 The side opposite to a right angle in a right angled triangle is called:

- A. base
- B. altitude
- C. hypotenuse
- D. perpendicular