

General Math 10th Class English Medium Unit 7 Online Test

Sr	Questions	Answers Choice
1	The square of the hypotenuse is equal to the sum of the square of two sides this statement is called:	A. Factor theorem B. Hero's formula C. Ration formula D. Pythagoras theorem
2	The side opposite to a right angle in a right angled triangle is called:	A. base B. altitude C. Hypotenuse D. Perpendicular
3	The area of an equilateral triangle with side 'a' is:	A. $\frac{1}{2}\pi r^2$ B. $3a^2/2$ C. $\frac{\sqrt{3}a^2}{2}$ D. $2\pi r^2$
4	Area has dimensions;	A. one B. two C. three D. four
5	The volume of a sphere is:	A. $\pi r^2 h$ B. $\frac{1}{3}\pi r^2 h$ C. $\frac{4}{3}\pi r^2 h$ D. πr^2
6	The area of four walls of a room when length breadth and height of a room are given is:	A. $l \times b$ B. $2h(l + b)$ C. $h(l + b)$ D. $2(l + b)$
7	1kl = ?	A. 1 m ³ B. 106cm ³ C. 109mm ³ D. 1m ³
8	Diagonal of a square with side is:	A. $\frac{1}{2}a$ B. $2a$ C. $\sqrt{2}a$ D. $4a$
9	Who gave idea of plane:	A. John Napier B. Jobst burgi C. Descartes D. Arthur cayley
10	Point (-2,4) lies in:	A. 1-quadrant B. II-quadrant C. III-quadrant D. IV -quadrant
11	The distance between the point (2,1) and (-4,3) is:	A. $2\sqrt{10}$ B. $10\sqrt{2}$ C. 2 D. 10
12	The origin has coordinates:	A. (0,1) B. (1,0) C. (1,1) D. (0,0)
13	A point in II-quadrant has its abscissa:	A. positive B. negative C. zero D. one
14	Hero's formula is:	
15	The distance formula between two points is:	