Areas And Volumes

Sr	Questions	Answers Choice
1	Diagonal of a square with side is:	A. 1/2 a B. 2a C. 2a² D. 4a
2	The origin has coordinates:	A. (0,1) B. (1,0) C. (1,1) D. (0,0)
3	Who gave the idea of plane:	A. John Napier B. Jobst burgi C. Descartes D. Arthur cayley
4	Point (-2,4) lies in:	A. I-quadrant B. II-quadrant C. III-quadrant D. IV-quadrant
5	Area has dimensions:	A. one B. two C. three D. four
6	1kl = ?	A. 1 m³ B. 10⁶cm³ C. 10⁹mm³ D. 1 m⁴
7	The area of four walls of a room when length, breadth and height of a room are given is:	A. l x b B. 2h (l + b) C. h(l + b) D. 2 (l + b)
8	The distance between the point (2,1) and (-4,3) is:	A. 2 B. 10 C. 2 D. 10
9	The volume of a sphere is:	A. πr²h B. 1/3πr²h C. 4/3πr²h D. πr²</sup>
10	The square of the hypotenuse is equal to the sum of the square of two sides, this	A. Factor theorem B. Hero's formula

	statement is called:	C. Ratio formula D. pythagoras theorem
11	A point in II-quadrant has its abscissa:	A. positive B. negative C. zero D. onw
12	Point (2,-4) lies in:	A. I-quadrant B. II-quadrant C. III-quadrant D. IV-quadrant
13	The number of perpendicular bisectors of the sides of a triangle is:	A. 0 B. 4 C. 3 D. 2
14	The side opposite to a right angle in a right angled triangle is called:	A. base B. altitude C. hypotenuse D. perpendicular
15	The area of an equilateral triangle with side 'a' is:	A. 1.5πr² B. 3a²/2 C. <img src="http://cdn.ttgtmedia.com/rms/whatIs/sqr-1.gif" alt="" style="border: 0px; max-width: 600px; color: rgb(102, 102, 102); font-family: "NeueHaasGroteskText W01", Helvetica, Arial, sans-serif; font-size: 18px; text-align: -webkit-center;">3a²/2 D. 2πr²