10th Class General Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The number of angle bisectors of a triangle is:	A. 1 B. 2 C. 3 D. 4
2	Circles in the same plane with same center and different radii are called:	A. concentric circles B. semi circles C. equal circles D. concyclic circles
3	Area has dimensions:	A. one B. two C. three D. four
4	The volume of a sphere is:	A. $\pi r^2 h$ B. $1/3\pi r^2 h$ C. $4/3\pi r^2 h$ D. πr^2
5	if $x^2 = a$, then:	A. $x = a$ B. $x = \pm a$ C. $x = \sqrt{a}$ D. $x = \pm\sqrt{a}$
6	The idea of matrices was introduced by:	A. jobs burgi B. Robert C. Pythagoras D. Arthur Cayley
7	The altitudes of a triangle are:	A. concurrent B. collinear C. non-collinear D. non-concurrent
8	Question Image	A. uv-yx B. vx - uv C. uy - vx D. 0
9	The side opposite to a right angle in a right angled triangle is called:	A. base B. altitude C. hypotenuse D. perpendicular
10	Factors of $x^2 -x -x156$ are:	A. $(x - 12)(x - 13)$ B. $(x - 12)(x + 13)$ C. $(x +12)(x +13)$ D. $(x -13)(x +12)$
11	The centro id of a triangle divides each one of the medians in the ratio:	A. 1:1 B. 1:2 C. 2:1 D. 2:2
12	The distance between the point (2,1) and (-4,3) is:	A. 2<img src="http://cdn.ttgtmedia.com/rms/whatls/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;">10 B. 10<img src="http://cdn.ttgtmedia.com/rms/whatls/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;">2 C. 2 D. 10
13	1kl = ?	A. $1 m^3$ B. $106 cm^3$ C. $109 mm^3$

14	If the points of contact of a common tangent to the two circles are on the same side of the line joining their centers, then this common tangent is called:	A. external tangent B. internal tangent C. concyclic tangent D. concentric tangent
15	The area of an equilateral triangle with side 'a' is:	A. 1/2πr2 B. 3a2/2 C. √3a2/2 D. 2πr2
16	A square or a rectangular array of numbers written within square brackets or parentheses in a definite order is called a:	A. determinate B. diagonal C. matrix D. row
17	The point of intersection of the perpendicular bisector of the sides of a triangle meet is called.	A. Orthocenter of the triangle B. Incenter of the triangle C. Centroid of the triangle D. Circum center of the triangle
18	Question Image	A. Distance formula B. Colliear point C. Non Colliear point D. Equal point
19	The number of angle bisectors of a triangle is:	A. 1 B. 2 C. 3 D. 4
20	An equilateral rectangle is called a:	A. polygon B. quadrilateral C. parallelogram D. square