

Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	The distance formula for two distinct points $A(x_1, y_1)$ and $B(x_2, y_2)$ are:	
2	Coordinate geometry is the study of _____ shapes in Cartesian plane:	A. Cuboid B. Cubic C. Geometrical D. Spherical
3	The study of geometrical shapes in a plane is called _____ geometry.	A. Plane B. Practical C. Analytical D. Coordinate
4	For solve the linear equations, if fraction are present, we multiply each side by _____ of the denominator or eliminate them:	A. LCM B. HCF C. Square root D. Both a and b
5	Two linear-equations are said to be _____ if they have exactly the same solution:	A. Equal B. True C. Equivalent D. Open
6	A solution to a linear equation in any replacement or substitution for the variable x that makes the statement _____.	A. True B. False C. Open D. Inequality
7	The standard form of linear equation in one variable is:	A. $ax+by+c$ B. ax^2+bx+c C. $ax+b=0$ D. $ax+by+cz=0$
8	Question Image	
9	We can find square root by the method	A. By factorization B. By division C. Both a and b D. None
10	The product of two algebraic expressions is equal to the _____ of their HCF and LCM:	A. Sum B. Difference C. Product D. Quotient
11	LCM of a^2+b^2 and a^4-b^4 is:	A. a^2+b^2 B. a^2-b^2 C. a^4-b^4 D. a-b
12	LCM of $15x^2$, $45xy$ and $30xy$ is:	A. $90xyz$ B. $90x^2yz$ C. $15xyz$ D. $15x^2yz$
13	HCF of x^2+3x+2 , x^2+4x+3 and x^2+5x+4 is:	A. $x+1$ B. $(x+1)(x+2)$ C. $(x+3)$ D. $(x+4)(x+1)$
14	HCF of a^2-b^2 and a^3-b^3 is:	A. a-b B. a+b C. a^2+ab+b^2 D. a^2-ab+b^2
15	HCF of x^2-5x+6 and x^2-x-6 is:	A. x-3 B. x+2 C. x^2-4 D. x-2