Mathematics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	The fourth proportional w of x : y::v : w is:	C. xyv
2	The third proportional of x^2 and y^2 is:	B. x^2y^2
3	Question Image	A. $u = wk^2$ B. $u = vk^2$ C. $u = w^2k$ D. $u = v^2k$
4	Question Image	
5	Question Image	A. $u = v^2$ B. $u = kv^2$ C. $uv^2 = k$ D. $uv^2 = 1$
6	Find x in proportion 4:x::5:15	D. 12
7	In continued proportional a:b = b:c, c in said to be _____ proportional to a and b:	A. Third B. Fourth C. Means D. None of these
8	In continued proportion a:b = b:c, ac = b^2, b is said to be _____ proportional between a and c:	A. Third B. Fourth C. Means D. None of these
9	In a proportion a : b :: c : d, b and c are called:	A. Means B. Extremes C. Fourth proportional D. None of these
10	In a proportion a:b:c:d, and d are called:	A. Means B. Extremes C. Third proportional D. None of these
11	In a ratio x:y, y is called:	A. Relation B. Antecedent C. Consequent D. None of these
12	In a ratio a:b, a is called:	A. Relation B. Antecedent C. Consequent D. None of these
13	The Discriminant of $ax^2+bx+c=0$ is:	A. b^2-4ac B. b^2+4ac C. $-b^2+4ac$ D. $-b^2-4ac$
14	The nature of the roots of equation $ax^2+bx+c=0$, is determined by:	A. Sum of the roots B. Product of the roots C. Synthetic division D. Discriminant
15	Question Image	A. -2 B. 2 C. 4 D. -4