

Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	If $a^2+b^2 < c^2$ then triangle is:	A. Acute B. Obtuse C. Right D. Scalene
2	If $a^2+b^2 > c^2$ then triangle is called:	A. Acute B. Obtuse C. Scalene D. Right
3	If $a^2+b^2 = c^2$ then triangle is called:	A. Acute B. Right angled C. Obtuse D. Scalene
4	In a right angled triangle, with right angle is at C, then Pythagoras theorem is:	A. $a^2 + b^2 = c^2$ B. $c^2 = a^2 + b^2$ C. $b^2 + c^2 = a^2$ D. All of these
5	Pythagoras discovered the relationship between the sides of _____ triangle:	A. Acute B. Right C. Obtuse D. Scalene
6	Pythagoras a _____ philosopher and mathematician:	A. American B. British C. Greek D. German
7	Question Image	A. Similar B. Congruent C. Equal D. Different
8	Question Image	D. None of these
9	The _____ bisector of an angle of a triangle divides the sides in the same ratio then it is the ratio of the lengths of the sides containing the angles:	A. Internal B. External C. Perpendicular D. None of these
10	Three non-collinear points determine a _____	A. Line B. Plane C. Curve D. Space
11	Two points determine a _____	A. Space B. Plane C. Curve D. Line
12	A line segment has _____ midpoints:	A. Two B. Only one C. Three D. More than one
13	If a line segment intersects the two sides of a triangle in the same ratio then it is _____ to the third side:	A. Perpendicular B. Parallel C. Intersecting D. Similar
14	A line parallel to one side of a triangle and intersecting the other two sides divide them _____	A. Perpendicularly B. Parallelly C. Proportionally D. Similarly
15	Two similar triangles are _____:	A. Congruent B. Non congruent C. May be or may be not congruent D. None of these

