

Mathematics 9th Class English Medium Chapter 15 Online Test

Sr	Questions	Answers Choice
1	Pythagoras a _____ philosopher and mathematician:	A. American B. British C. Greek D. German
2	Pythagoras discovered the relationship between the sides of _____ triangle:	A. Acute B. Right C. Obtuse D. Scalene
3	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
4	If $a^2 + b^2 = c^2$ then triangle is called:	A. Acute B. Right angled C. Obtuse D. Scalene
5	If $a^2 + b^2 > c^2$ then triangle is called:	A. Acute B. Obtuse C. Scalene D. Right
6	If $a^2 + b^2 < c^2$ then triangle is:	A. Acute B. Obtuse C. Right D. Scalene
7	Question Image	A. $a^2 + b^2 + c^2 = a^2 + b^2 + c^2$ B. $a^2 + b^2 + c^2 = b^2 + c^2$ C. $b^2 + c^2 + a^2 = a^2 + b^2$ D. All of these
8	Question Image	A. $a^2 + b^2 + c^2 = a^2 + b^2 + c^2$ B. $a^2 + b^2 + c^2 = b^2 + c^2$ C. $b^2 + c^2 + a^2 = a^2 + b^2$ D. All of these
9	If the square of one side of a triangle is equal to the sum of the squares of the other two sides then the triangle is a _____:	A. Acute B. Right C. Obtuse D. Scalene
10	If 3 cm and 4 cm are two sides of a right angled triangle, then hypotenuse is:	A. 6 cm B. 7 cm C. 5 cm D. 25 cm
11	In right angled triangle, there can be _____ right angles:	A. 1 B. 2 C. 3 D. 4
12	Question Image	A. 5 B. 4 C. 2 D. 3
13	The hypotenuse of right angle triangle is _____ than each of the other two sides:	A. Half B. Double C. Shorter D. Longer
		A. Scalene

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| 14 | A triangle having all sides different called: | B. Right angle
C. Equilateral
D. Isosceles |
| 15 | In a right angles triangle the largest angle is of: | A. 30°
B. 45°
C. 90°
D. 60° |
| 16 | A rectangular _____ is the union of a rectangle and its interior: | A. Interior
B. Region
C. Exterior
D. Perimeter |