

Mathematics 9th Class English Medium Chapter 15 Online Test

Sr	Questions	Answers Choice
1	A rectangular _____ is the union of a rectangle and its interior:	A. Interior B. Region C. Exterior D. Perimeter
2	In a right angles triangle the largest angle is of:	A. 30° B. 45° C. 90° D. 60°
3	A triangle having all sides different called:	A. Scalene B. Right angle C. Equilateral D. Isosceles
4	The hypotenuse of right angle triangle is _____ than each of the other two sides:	A. Half B. Double C. Shorter D. Longer
5	Question Image	A. 5 B. 4 C. 2 D. 3
6	In right angled triangle, there can be ____ right angles:	A. 1 B. 2 C. 3 D. 4
7	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
8	If the square of one side of a triangle is equal to the sum o the squares of the other two sides then the triangle is a _____:	A. Acute B. Right C. Obtuse D. Scalene
9	Question Image	A. $a^2 + b^2 = c^2$ B. $a^2 + c^2 = b^2$ C. $b^2 + c^2 = a^2$ D. All of these
10	Question Image	A. $a^2 + b^2 = c^2$ B. $a^2 + c^2 = b^2$ C. $b^2 + c^2 = a^2$ D. All of these
11	If $a^2 + b^2 < c^2$ then triangle is:	A. Acute B. Obtuse C. Right D. Scalene
12	If $a^2 + b^2 > c^2$ then triangle is called:	A. Acute B. Obtuse C. Scalene D. Right
13	If $a^2 + b^2 = c^2$ then triangle is called:	A. Acute B. Right angled C. Obtuse D. Scalene
14	Question Image	A. $a^2 + b^2 = c^2$ B. $a^2 + c^2 = b^2$ C. $b^2 + c^2 = a^2$ D. All of these

- 14 In a right angled triangle, with right angle is at C, then Pythagoras theorem is:
- $c^2 = a^2 + b^2$
C.
 $b^2 = a^2 + c^2$
D. All of these
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- 15 Pythagoras discovered the relationship between the sides of _____ triangle:
- A. Acute
B. Right
C. Obtuse
D. Scalene
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