

Pre-Calculus 11 - VLN

Chapter 6: Trigonometry

Lesson 1: Trigonometry Review

Question #1

Reference Q.1450

Pythagorean Theorem applies to

- a) all triangles
- b) isosceles triangles
- c) equilateral triangles
- d) right triangles

Question #2

Reference Q.1449

Pythagorean Theorem is written

- a) $a + b = c$
- b) $a^2 + b^2 = c$
- c) $a^2 + b^2 = c^2$
- d) $a^2 - b^2 = c^2$

Question #3

Reference Q.1448

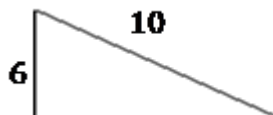
The longest side of a right triangle is called

- a) hypotenuse
- b) pythagoras
- c) diagonal
- d) leg

Question #4

Reference Q.1464

Find the missing side of this triangle.



Question #5

Reference Q.1451

A right triangle has legs with lengths $A = 5$ and $B = 12$. Find the hypotenuse C

- a) 20
- b) 10
- c) 25
- d) 13

Question #6

Reference Q.1456

Use the Pythagorean Theorem to determine if this triangle has a 90° angle:

triangle with sides (17, 15, 8)

Question #7

Reference Q.1454

Use the Pythagorean Theorem to determine if this triangle has a 90° angle:

triangle with sides (7, 10, 15)