

LESSON 5.1: Pythagorean Theorem

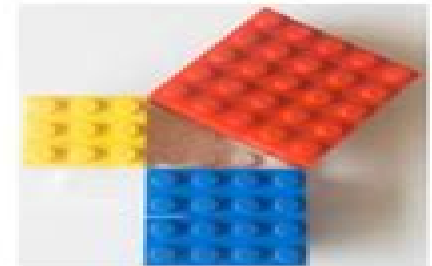
Learning Goal:

GM 1.1 I can solve triangles using Pythagorean Theorem

Success Criteria:

- ☐ I can identify the hypotenuse of a right triangle
- ☐ I can substitute the known side lengths into the formula
- ☐ I can solve for the unknown side.
- ☐ I can draw an appropriate diagram when given a word problem
- ☐ I can use the Pythagorean theorem to solve problems involving right triangles

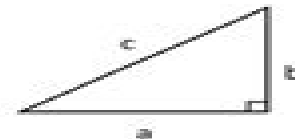
Many cultures found out that if you know the lengths of two sides of a right triangle, you can find out the length of the third. In western culture, this idea was called the Pythagorean Theorem.



Right triangle – a triangle that contains a _____ angle.

- The longest side of a right triangle is called the _____.

Pythagorean Theorem:

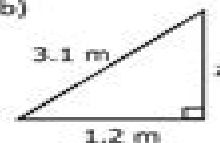


Example 1: Calculate the unknown side length in each triangle, to the nearest tenth.

a)



b)



Faceing Math Lesson 5 Pythagorean Theorem

Hussin A.Rothana



Faceing Math Lesson 5 Pythagorean Theorem:

Facing Math Lesson 5 Pythagorean Theorem Book Review: Unveiling the Power of Words

In some sort of driven by information and connectivity, the energy of words has become more evident than ever. They have the ability to inspire, provoke, and ignite change. Such could be the essence of the book **Facing Math Lesson 5 Pythagorean Theorem**, a literary masterpiece that delves deep into the significance of words and their impact on our lives. Compiled by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we shall explore the book's key themes, examine its writing style, and analyze its overall impact on readers.

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