Agenda

Homework:

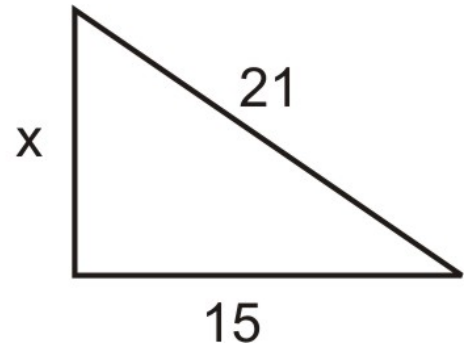
- **Module 12 Study Guide**
- **AM**
- **Test on Wed/Thurs**

Materials:

- **Calculator**

Do Now:

1. **What is the length of the missing side?**

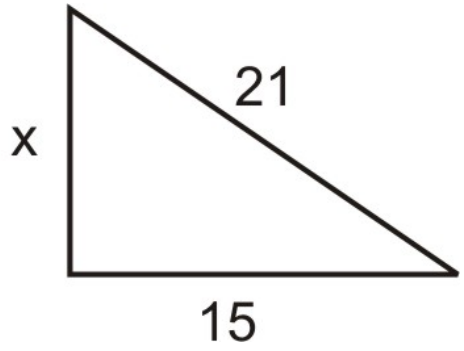


2. **What is the distance between (-2, 4) & (5, 9)?**

$$D = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Do Now

What is the length of the missing side?



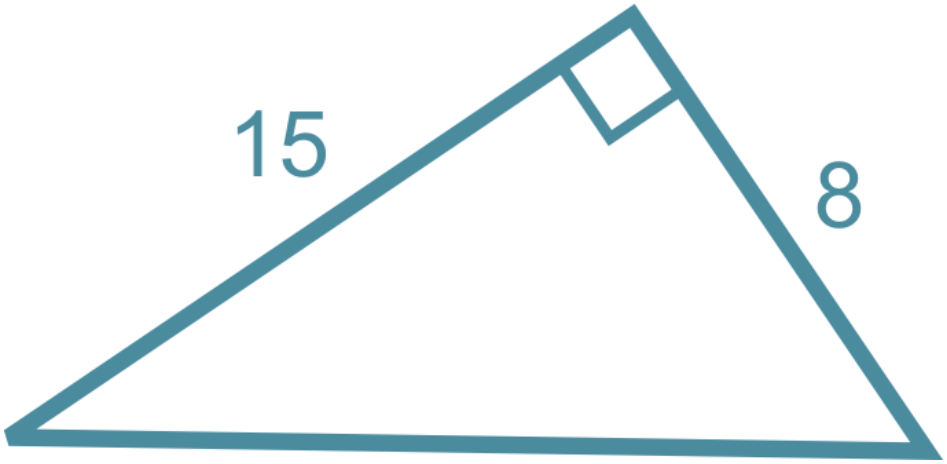
What is the distance between (-2, 4) & (5, 9)?

$$D = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

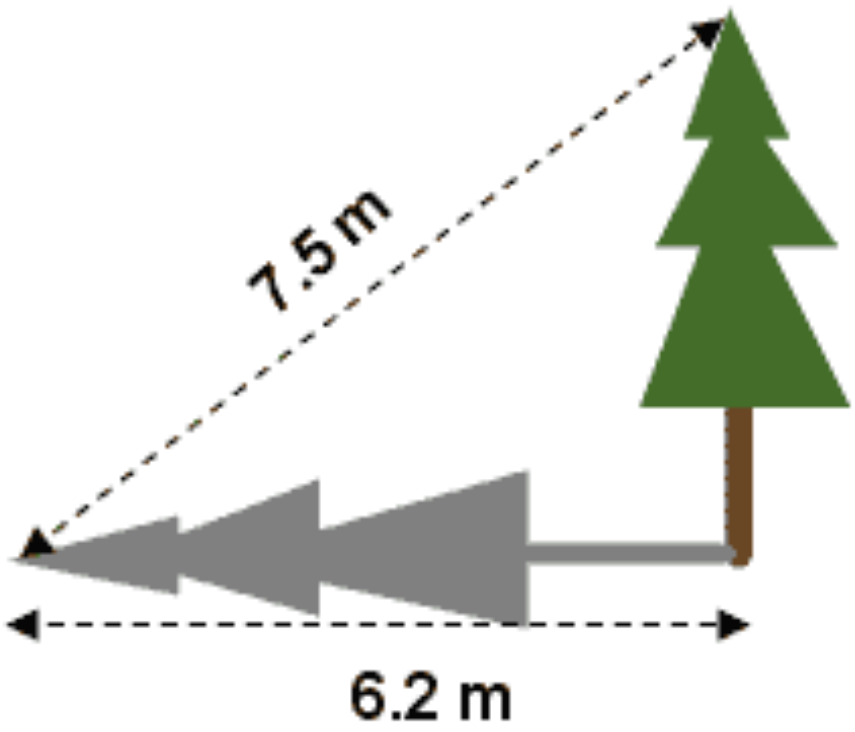
Homework

- Distance Formula WS

Practice 1: Find the missing side



Practice 2: Find the missing side



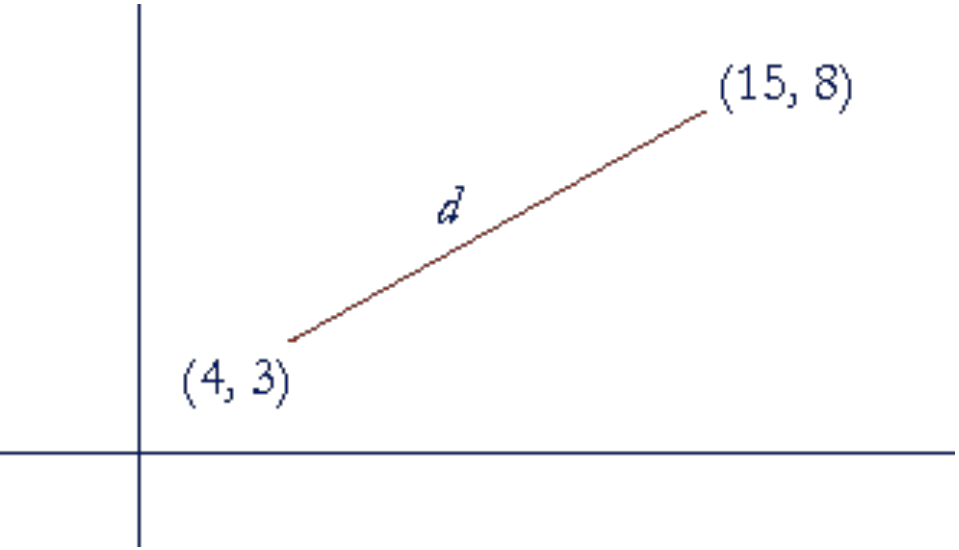
Practice 3: Determine if it's a right triangle

- If a triangle has side lengths 9, 15, and 12, is it a right triangle?

Practice 4: Word Problem

- Movers placed a 20 foot wooden board against a step to act as a ramp. If the bottom of the board is 8 feet from the step, how high is the step?

Practice 5: Distance Formula



$$D = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Jeopardy

- https://jeopardylabs.com/play/pythagoreans-theorem3