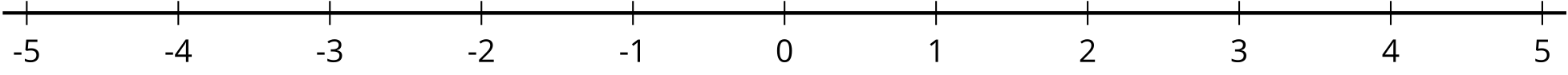
## Lesson 15: Irrational Numbers

* Let’s explore irrational numbers

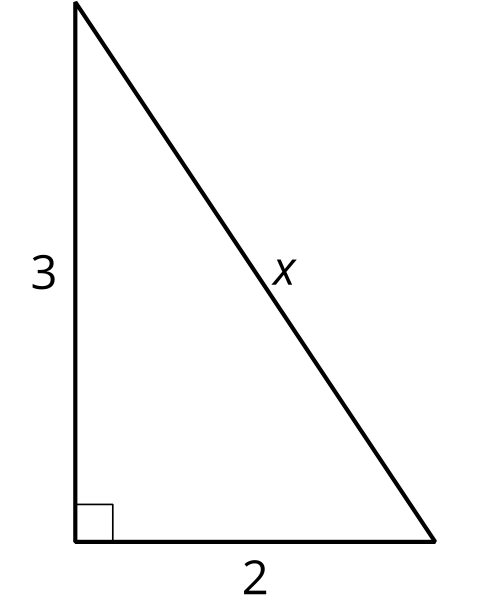
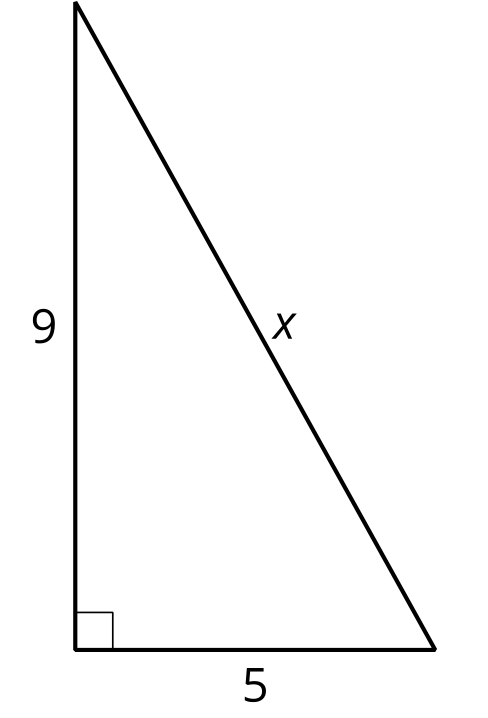
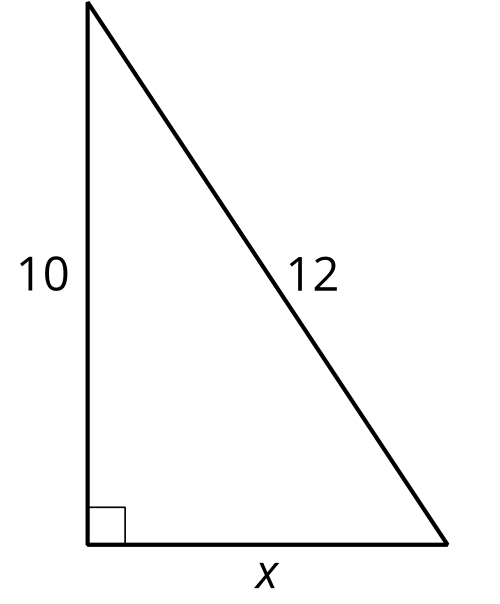
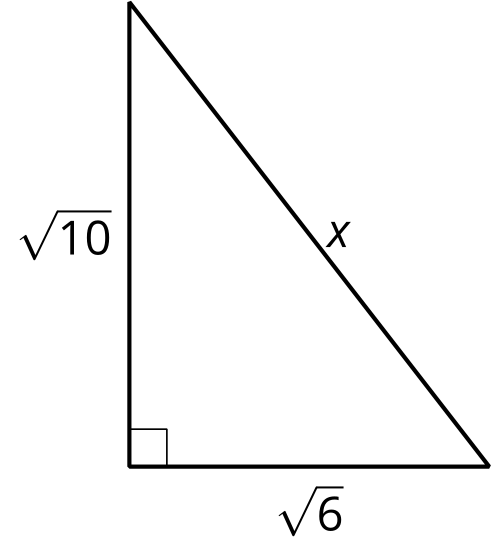
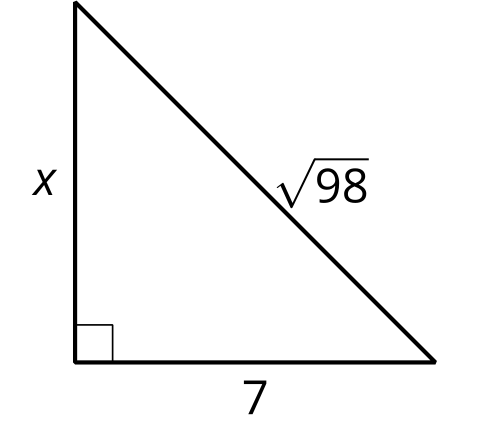
### 15.1: Finding a Home for Irrational Numbers



Use the number line to place these values in their approximate location.

### 15.2: Solving for Missing Sides

For each triangle, use the Pythagorean Theorem to find the length of the missing side.

1. 
2. 
3. 
4. 
5. 

### 15.3: Solving with Square Roots

Solve each of these equations. Represent the solutions exactly. If the solution is not a whole number, what 2 whole numbers does each solution lie between? Be prepared to explain your reasoning.



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