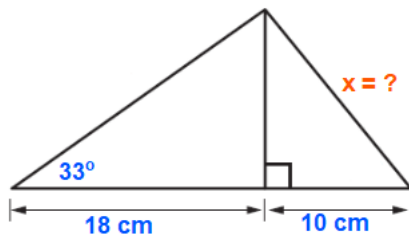


Section 4.1: Solving for Angles, Lengths, and Distances

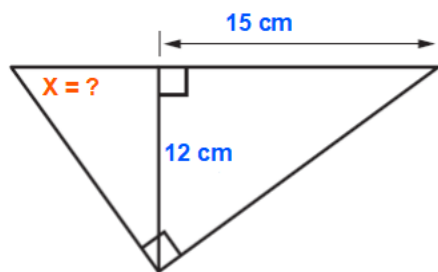
Using Trigonometric Ratios in Complex Situations

- Problems will require multiple steps
- Information from one triangle will be used to find information in another triangle

Example: How long is side x ?

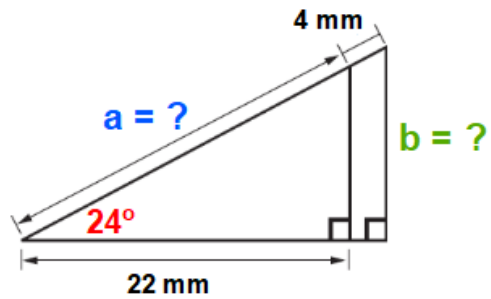


Example: What is the measure of angle X ?



Section 4.1: Solving for Angles, Lengths, and Distances

Example: What is the length of side a ?
What is the length of side b ?



Check your understanding: pg. 202 - 203, #3, 4, 5