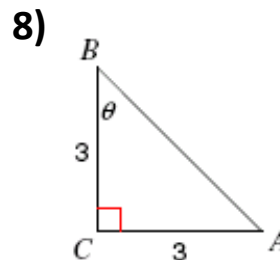
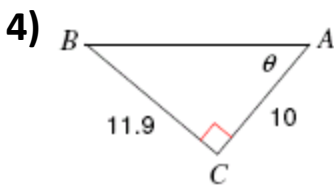
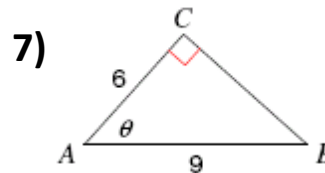
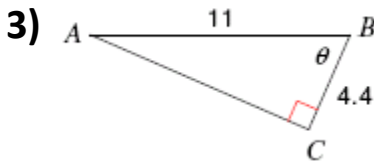
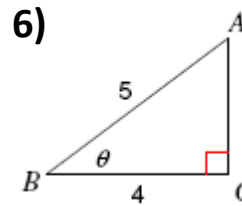
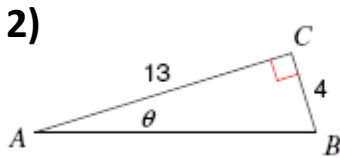
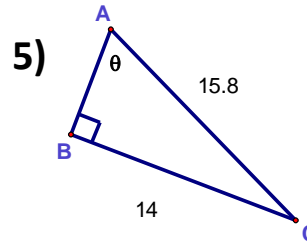
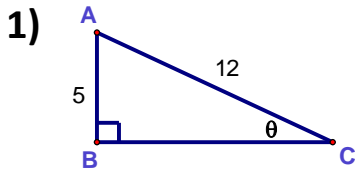
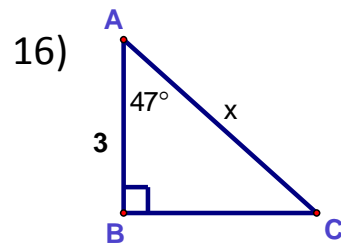
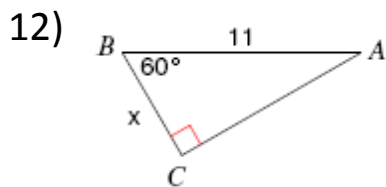
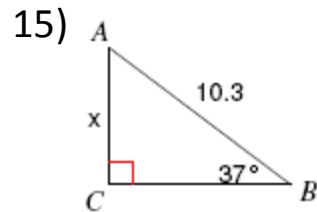
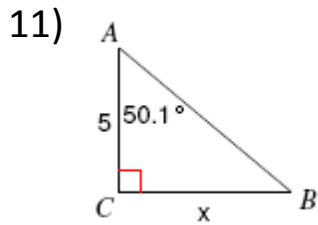
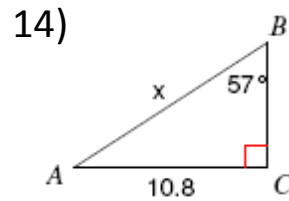
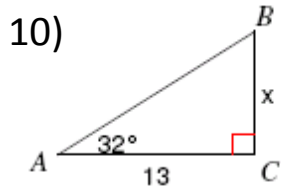
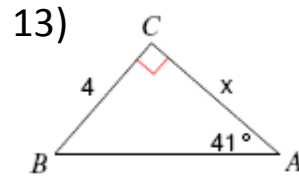
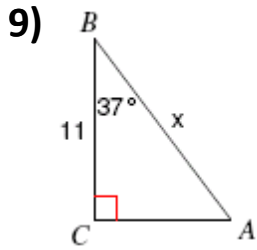


## Right Triangle Trigonometry Assignment

Section 1: Find the measure of each indicated angle (round to nearest tenth):

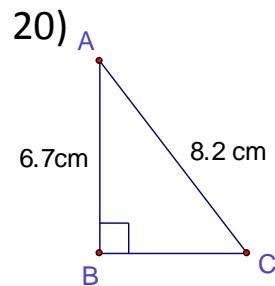
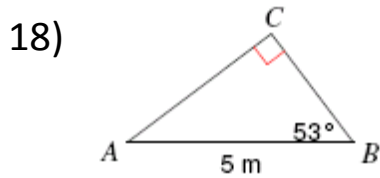
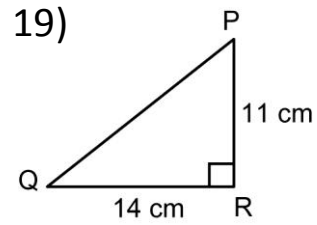
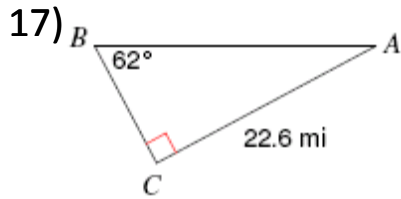


**Section 2: Find the measure of each indicated side (round to nearest tenth):**

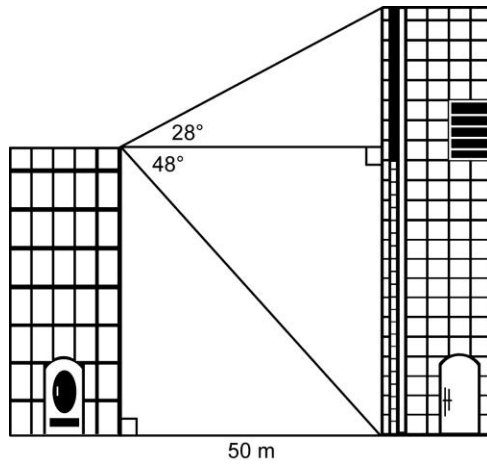


**Section 3: Solve each triangle (round each answer to nearest tenth):**

**LABEL THE TRIANGLE WITH YOUR ANSWERS!!!!!!**



- 21) From the top of a building, the angle of elevation of the top of a nearby building is  $28^\circ$  and the angle of depression of the bottom of the nearby building is  $48^\circ$ . The distance between the two buildings is 50 m. **What is the height of the taller building?** Round your answer to the nearest meter.



Height of the taller building: \_\_\_\_\_