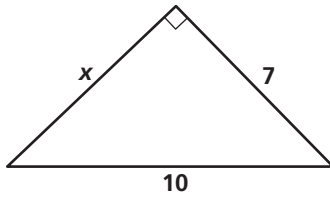


Practice 8-1

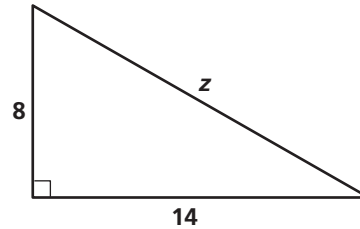
The Pythagorean Theorem and Its Converse

Find the value of each variable. Leave your answers in simplest radical form.

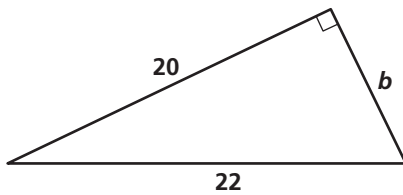
1. _____



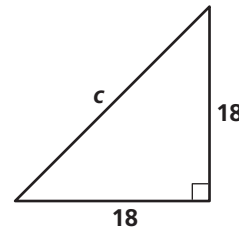
2. _____



3. _____

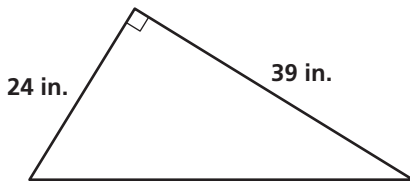


4. _____

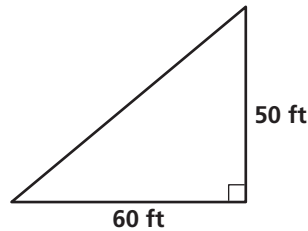


Find the length of each hypotenuse. Use your calculator, and round your answers to the nearest whole number.

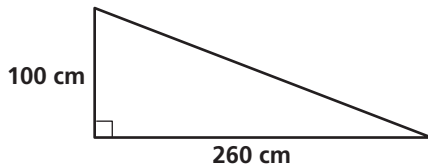
5. _____



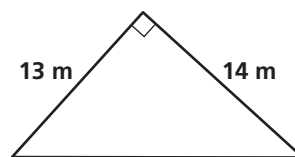
6. _____



7. _____



8. _____



The numbers represent the lengths of the sides of a triangle. Classify each triangle as *acute*, *obtuse*, or *right*.

9. 6, 9, 10 _____

10. 20, 100, 110 _____

11. 7, 24, 25 _____

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