Check It Out
Progress Check
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Find the two square roots of the number.   *(Section 6.1)*

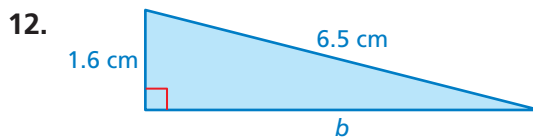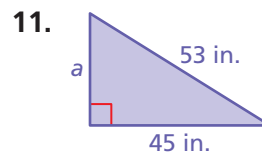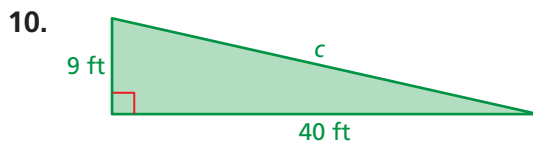**1.** 196

2. 49

3. 400

Find the square root(s).   *(Section 6.1)*

4. $-\sqrt{4}$

5. $\sqrt{\dfrac{16}{25}}$

6. $\pm\sqrt{6.25}$

Evaluate the expression.   *(Section 6.1)*

7. $3\sqrt{49} + 5$

8. $10 - 4\sqrt{16}$

9. $\dfrac{1}{4} + \sqrt{\dfrac{100}{4}}$

Find the missing length of the triangle.   *(Section 6.2)*

10.

9 ft, c, 40 ft

11.

a, 53 in., 45 in.

12.

1.6 cm, 6.5 cm, b

13.

$\dfrac{3}{10}$ yd, c, $\dfrac{2}{5}$ yd
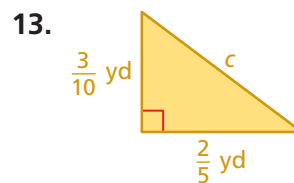
14. POOL The area of a circular pool cover is 314 square feet. Write and solve an equation to find the diameter of the pool cover. Use 3.14 for π.   *(Section 6.1)*

15. LAND A square parcel of land has an area of 1 million square feet. What is the length of one side of the parcel?   *(Section 6.1)*

16. FABRIC You are cutting a rectangular piece of fabric in half along the diagonal. The fabric measures 28 inches wide and $1\dfrac{1}{4}$ yards long. What is the length (in inches) of the diagonal?   *(Section 6.2)*