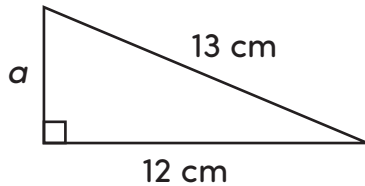


Pythagorean Theorem: Mixed Practice

Use the Pythagorean theorem to find each missing side length. Round your answer to the nearest tenth if needed.

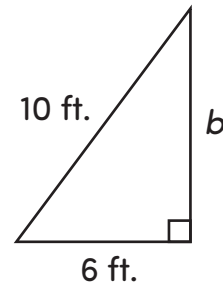


1.



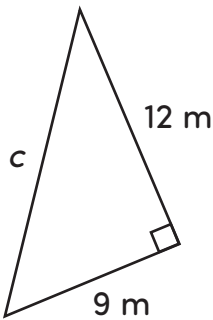
$$a = \underline{5 \text{ cm}}$$

2.



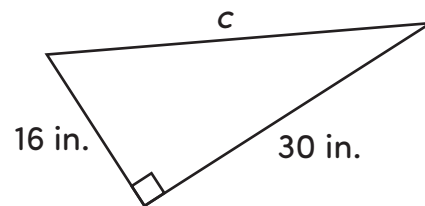
$$b = \underline{8 \text{ ft.}}$$

3.



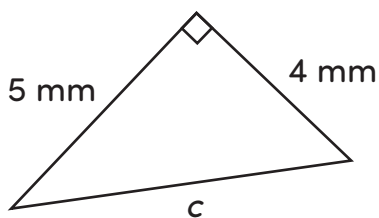
$$c = \underline{15 \text{ m}}$$

4.



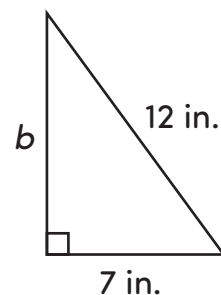
$$c = \underline{34 \text{ in.}}$$

5.



$$c = \underline{6.4 \text{ mm}}$$

6.



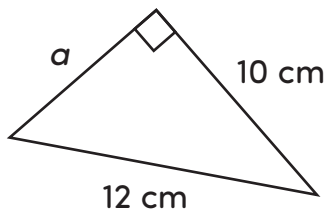
$$b = \underline{9.7 \text{ in.}}$$

Pythagorean Theorem: Mixed Practice

Keep going! Use the Pythagorean theorem to find each missing side length.
Round your answer to the nearest tenth if needed.

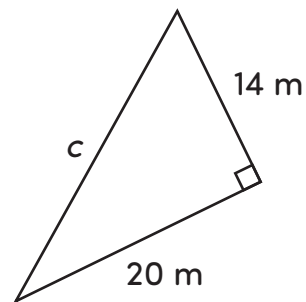


7.



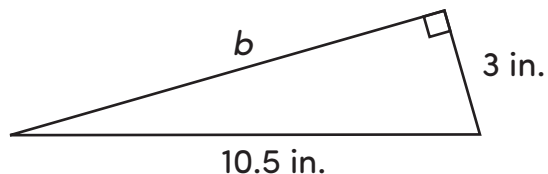
$$a = \underline{6.6\text{ cm}}$$

8.



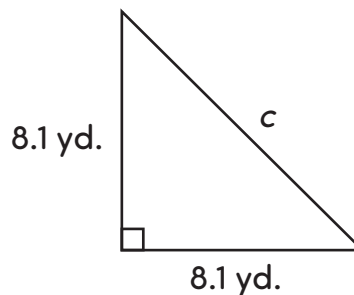
$$c = \underline{24.4\text{ m}}$$

9.



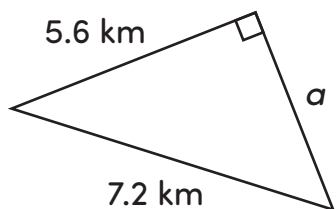
$$b = \underline{10.1\text{ in.}}$$

10.



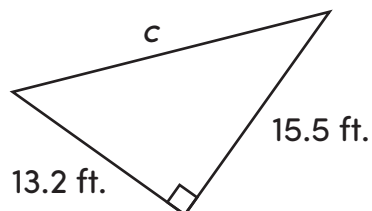
$$c = \underline{11.5\text{ yd.}}$$

11.



$$a = \underline{4.5\text{ km}}$$

12.



$$c = \underline{20.4\text{ ft.}}$$