

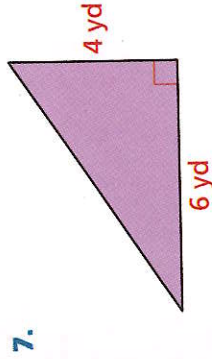
Name: _____



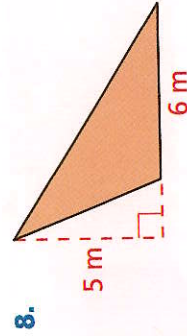
Scan for
Multimedia

Practice & Problem Solving

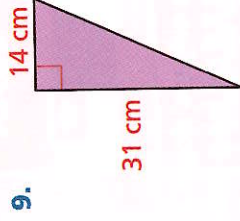
Leveled Practice In 7–12, find the area of each triangle.



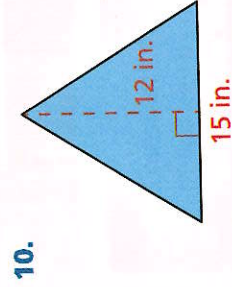
$$\begin{aligned}
 A &= \frac{1}{2}bh \\
 &= \frac{1}{2} \times \boxed{} \times 4 \\
 &= \boxed{} \text{ yd}^2
 \end{aligned}$$



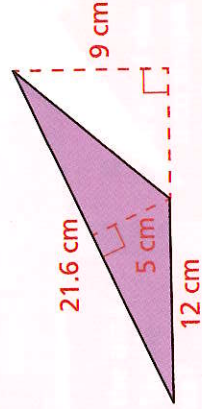
$$\begin{aligned}
 A &= \frac{1}{2}bh \\
 &= \frac{1}{2} \times \boxed{} \times \boxed{} \\
 &= \boxed{} \text{ m}^2
 \end{aligned}$$



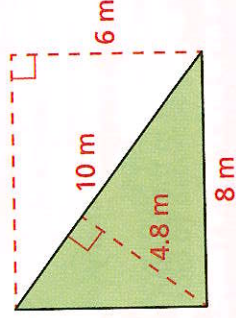
$$\begin{aligned}
 A &= \frac{1}{2}bh \\
 &= \frac{1}{2} \times \boxed{} \times \boxed{} \\
 &= \boxed{} \text{ cm}^2
 \end{aligned}$$



10.



11.



13. The vertices of a triangle are $A(0, 0)$, $B(3, 8)$, and $C(9, 0)$. What is the area of this triangle?

14. **Be Precise** The base of a triangle is 2 ft. The height of the triangle is 15 in. What is the area of the triangle in square inches?

15. **Reasoning** Ms. Lopez drew $\triangle ABC$, with a height of 6 inches and a base of 6 inches, and $\triangle RST$, with a height of 4 inches and a base of 8 inches. Which triangle has the greater area? Use an area formula to justify your answer.

16. The dimensions of the sail for Erica's sailboat are shown. Find the area of the sail.

