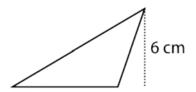
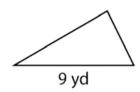
## Worksheet 1-12: Problem Solving with Triangles

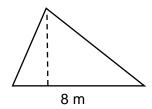
1. The area of the triangle is 24 cm<sup>2</sup>. What is the base's length?



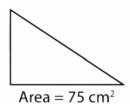
2. The area of the triangle is 18 yd2. What is the height?



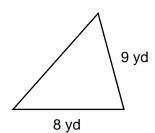
3. The triangle's height is half the length of its base. What is its area?



4. The base of the triangle is one and a half times its height. What is the height?



5. The perimeter of the triangle is 30 yd. Find the missing side length.



**6**. The area and perimeter of the triangle are  $24 \text{ m}^2$  and 27 m respectively. Find the missing side length of the triangle.

