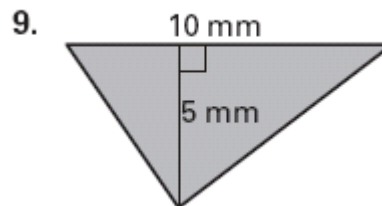
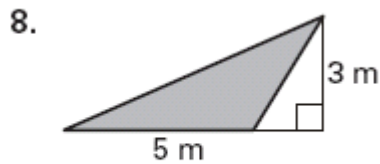
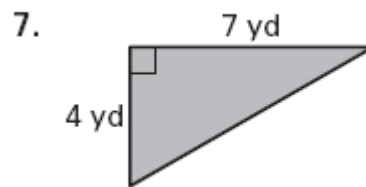
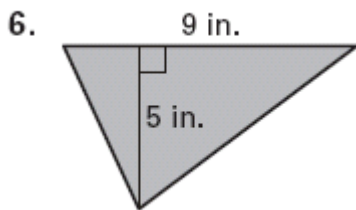
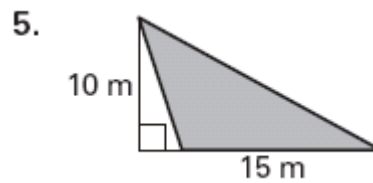
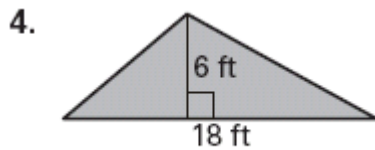
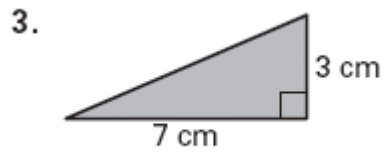
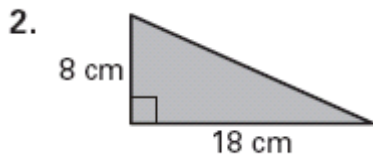


Perimeter, Circumference, and Area Assignment Part 2

Complete the statement.

1. The ? of a triangle is the perpendicular segment from a vertex to a line containing the opposite side, called the ? of the triangle.

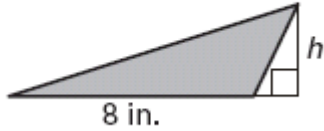
Find the area of the shaded triangle.



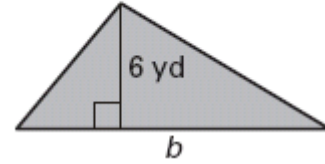
Perimeter, Circumference, and Area Assignment Part 2

A gives the area of the triangle. Find the missing measure.

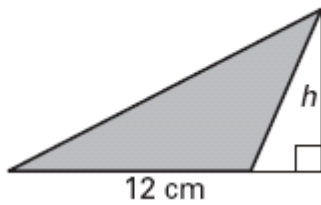
10. $A = 12 \text{ in.}^2$



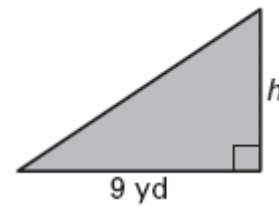
11. $A = 45 \text{ yd}^2$



12. $A = 48 \text{ cm}^2$



13. $A = 27 \text{ yd}^2$



The front side of the A-frame house shown is 22 feet high and has an area of 286 square feet.



14. How wide is the house at ground level?

15. What is the area of the triangular window if it is 5.5 feet wide and 4 feet high?

Perimeter, Circumference, and Area Assignment Part 2

ANSWERS

1.

2. $A = 144\text{cm}^2$

3. $A = 21\text{cm}^2$

4. $A = 108\text{ft}^2$

5. $A = 150\text{m}^2$

6. $A = 45\text{in}^2$

7. $A = 28\text{yd}^2$

8. $A = 15\text{m}^2$

9. $A = 50\text{mm}^2$

10. $h = 1.5\text{in}$

11. $b = 7.5\text{yd}$

12. $h = 4\text{cm}$

13. $h = 3\text{yd}$