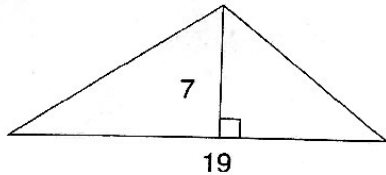


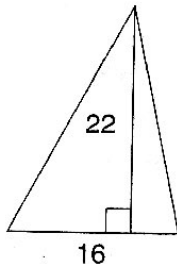
LESSON 3-5 Practice C
Area of Triangles and Trapezoids

Find the area of each triangle.

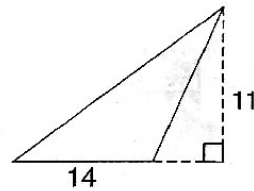
1.



2.

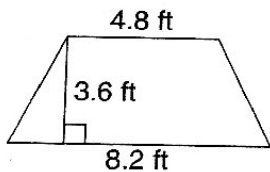


3.

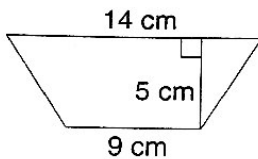


Find the area of each trapezoid.

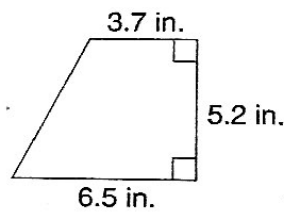
4.



5.



6.



Find the missing measurement of each triangle.

7. $A = 100 \text{ yd}^2$

$b = 25 \text{ yd}$

$h = \underline{\hspace{2cm}}$

8. $b = 5 \text{ in.}$

$h = 0.8 \text{ in.}$

$A = \underline{\hspace{2cm}}$

9. $A = 1,955 \text{ cm}^2$

$h = 85 \text{ cm}$

$b = \underline{\hspace{2cm}}$

Sketch the figure with the given vertices. Then find the area of the figure.

10. $(2, 3), (5, 7), (10, 3), (9, 7)$

11. $(-2, 6), (-7, 1), (-7, 6)$

12. $(3, -8), (3, -3), (7, -9), (7, -1)$

13. $(-5, 0), (1, 0), (-5, 7)$

14. What is the height of a trapezoid with an area of 91 cm^2 and bases 9 cm and 17 cm ?

What is the height of a trapezoid with an area of 10 in^2 and bases 6.4 in. and 3.6 in. ?
