

Answers

12. The base of a parallelogram is 13 yards and the height is 10 yards. What is the area?

12. A= _____

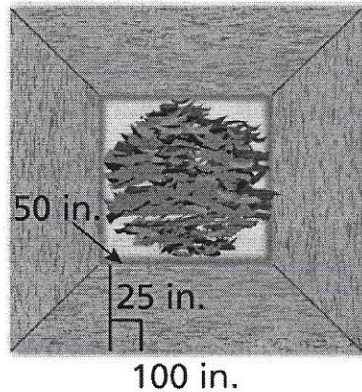
13. A window in the shape of a trapezoid is 8 feet tall and has base lengths of 1 foot and 7 feet. What is the area of the window?

13. A= _____

14. The base of a triangle is 8 centimeters and the height is 20 centimeters. What is the area of the triangle?

14. A= _____

15. A bench around the base of a tree is in the shape of a square and is made up of four trapezoids of the same size.



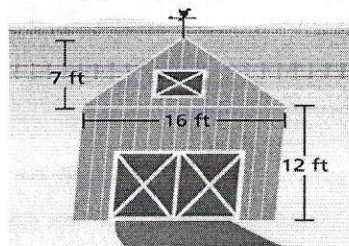
15a. P= _____

b. A= _____

c. A= _____

- a. What is the perimeter around the outside of the bench?
 b. What is the area of one trapezoid?
 c. What is the area of the entire bench?

16. The front of a barn is shown below. Find the area of the entire front of the barn. (Hint: Rectangle + Triangle)



16. A= _____

17. On a state map, the vertices of the boundary of a county are $A(10, 30)$, $B(65, 30)$, $C(65, 60)$, and $D(10, 60)$. The coordinates are measured in miles.

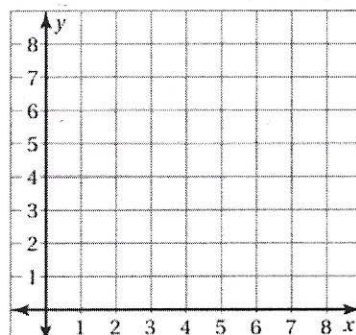
17a. _____

b. _____

- a. What is the distance between points A and B?
 b. What is the distance between points C and D?

Find the perimeter and the area of the polygon with the given vertices.

18. $Q(2, 4)$, $R(5, 4)$, $S(5, 8)$, $T(2, 8)$



18. P= _____

A= _____