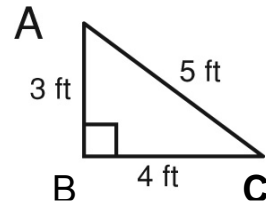


Name _____ HW # _____ Per _____ Col _____

Geometry Worksheet 1-5

Use the figure for Exercises 1–2. Show work.

1. Find the perimeter of triangle ABC . _____



2. Find the area of triangle ABC . _____

Find the perimeter and area. Show work.

3. square with a side 2.4 m in length

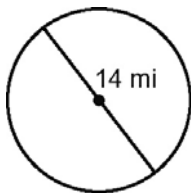
P = _____ A = _____

4. rectangle with base $(x + 3)$ and height 7

P = _____ A = _____

Find the circumference and area of each circle. Show work.

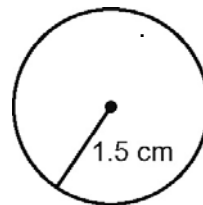
5.



Use $\frac{22}{7}$ for π .

C = _____ A = _____

6.



Use 3.14 for π .

C = _____ A = _____

Solve each problem. Show work.

7. The area of a square is 144 in^2 . Find the perimeter. _____

8. The area of a triangle is 152 m^2 , and the base is 16 m. Find the height. _____

Solve each problem. Show work.

9. The circumference of a circle is 28.26 mm. Find the radius _____ and area _____.
Use $\pi \approx 3.14$.

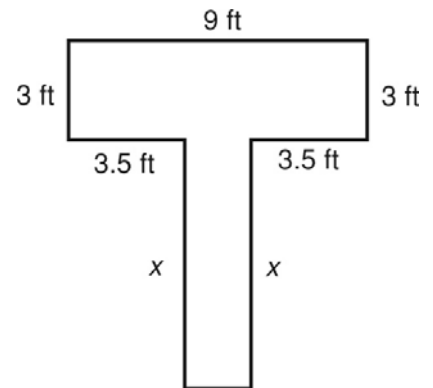
10. The perimeter of a rectangle is 24.5 ft and its base is 6.25 ft. Find the height of the rectangle. _____

11. A bicycle wheel has a diameter of 60 cm. How far will it travel if it makes 50 revolutions?
Use $\pi \approx 3.14$. _____

Use the figure for #12-13. Show work.

Lucas has a 39-foot-long rope. He uses all the rope to outline this T-shape in his backyard. All the angles in the figure are right angles.

12. Find x . _____



13. Find the area enclosed by the rope. _____