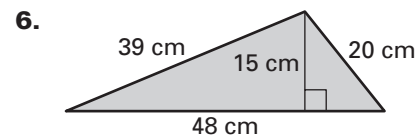
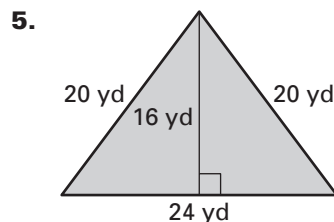
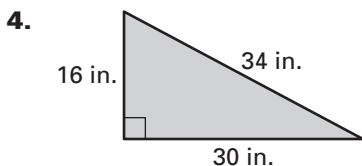
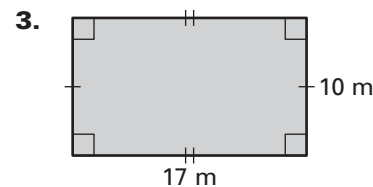
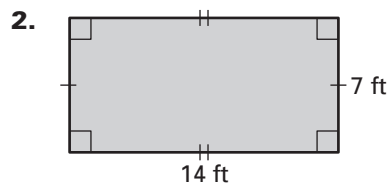
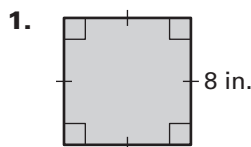


LESSON 1.7 Practice A
For use with pages 48–56

Student Score:
AtL

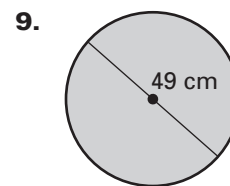
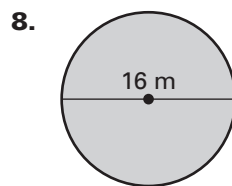
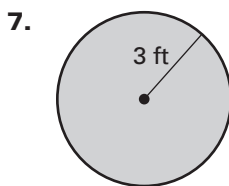
Teacher Score:
Form

Find the perimeter and area of the figure.



Show your work!
Circle your answer!

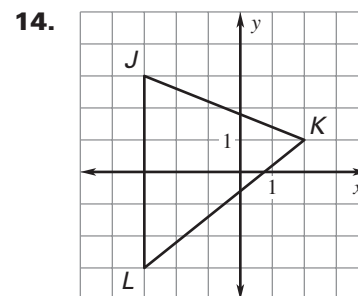
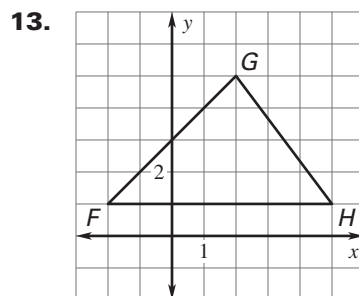
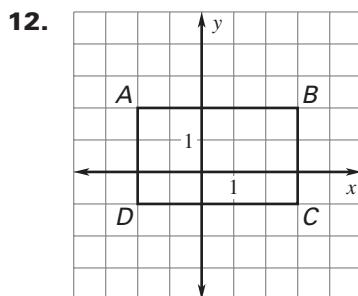
Find the circumference and area of the circle. Round to the nearest tenth.



10. A triangle has a base of 4 yards and a height of 12 yards. Sketch the triangle and find its area.

11. A circle has a radius of 11 inches. Sketch the circle and find its area. Round your answer to the nearest tenth.

Find the perimeter of the figure. Round decimal answers to the nearest tenth of a unit.



Copy and complete the statement.

15. $54 \text{ cm}^2 = \underline{\quad ? \quad} \text{ m}^2$

16. $78 \text{ in.}^2 = \underline{\quad ? \quad} \text{ ft}^2$

17. $23 \text{ yd}^2 = \underline{\quad ? \quad} \text{ ft}^2$

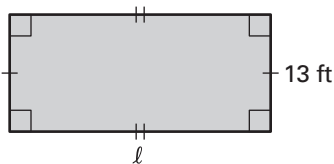
18. $96 \text{ mm}^2 = \underline{\quad ? \quad} \text{ cm}^2$

19. $3000 \text{ m}^2 = \underline{\quad ? \quad} \text{ km}^2$

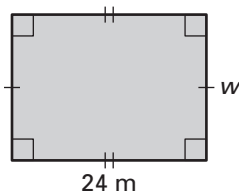
20. $15 \text{ ft}^2 = \underline{\quad ? \quad} \text{ in.}^2$

LESSON
1.7**Practice A** *continued*
For use with pages 48–56**Use the information about the figure to find the indicated measure.**

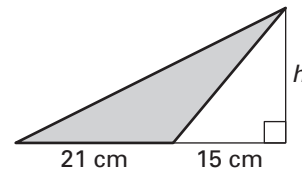
21. Perimeter = 84 ft
Find the length l .



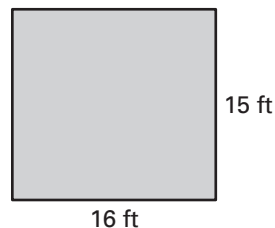
22. Area = 432 m²
Find the width w .



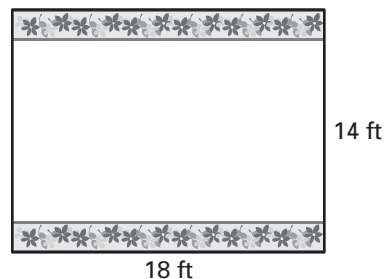
23. Area = 189 cm²
Find the height h .



24. The area of a rectangle is 551 square inches, and its width is 19 inches. Find the length of the rectangle.
25. The area of a triangle is 204 square meters, and its base is 24 meters. Find the height of the triangle.
26. **Carpet Shampoo** You are shampooing your bedroom carpet. Your bedroom is 16 feet long by 15 feet wide. One gallon of carpet shampoo covers 80 square feet of carpet. How many gallons of carpet shampoo do you need?



27. **Wall** You are going to paint a rectangular wall. You are then going to put decorative trim at the top and bottom of the wall as shown. The wall is 18 feet long by 14 feet high. How much area do you need to paint? How many inches of trim do you need?



28. **Gymnastics Wheel** A gymnastics wheel, sometimes called a German wheel, is used for acrobatic performances. The wheel is made of two congruent circular metal frames separated by 4 bars that are each 2 feet long. The frame has a diameter of 8 feet. Calculate the number of feet of metal frame (including the bars) needed to make the gymnastics wheel.

