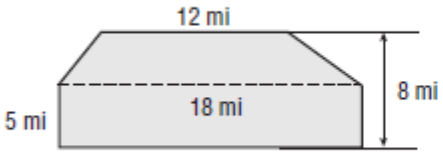
Name _____ Date_____

7-3 Skills Practice: *Area of Composite Figures* **Math8**

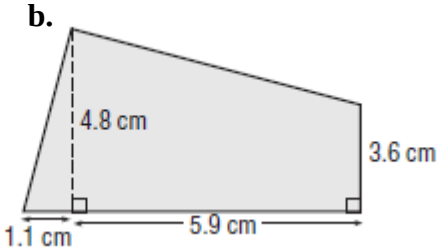
Show work for all problems!

1. Find the area of each figure. Use 3.14 for π. Round to the nearest tenth if necessary.

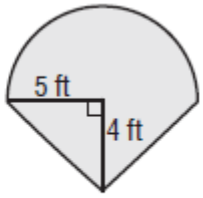
a.



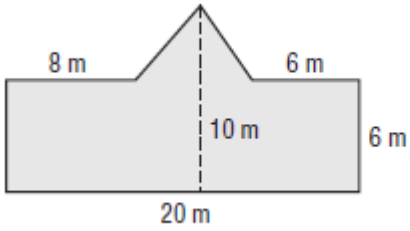
b.



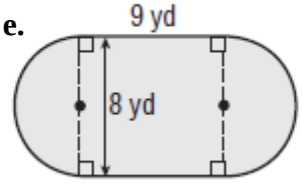
c.



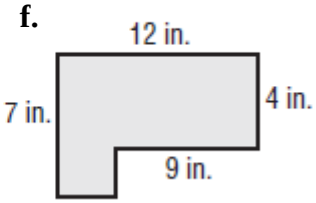
d.



e.

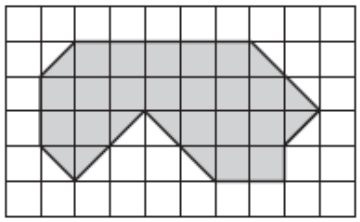


f.

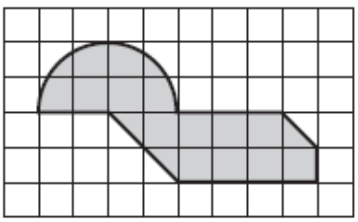


2. In each diagram, one square unit represents 10 square centimeters. Find the area of each figure. Round to the nearest tenth if necessary.

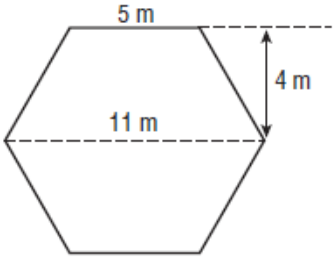
a.



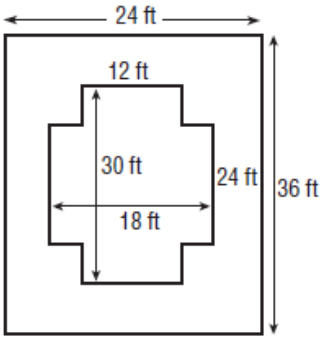
b.



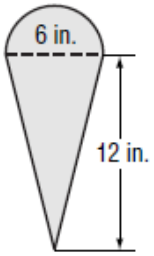
3. The Parks and Recreation department is building a gazebo in the local park with the dimensions shown in the figure. What is the area of the floor?



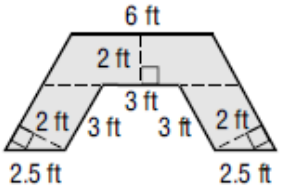
4. The Pueyo family wants to paint the deck around their swimming pool with the dimensions shown in the figure. If a gallon covers 200 square feet, how many gallons of paint are needed to apply two coats of paint?



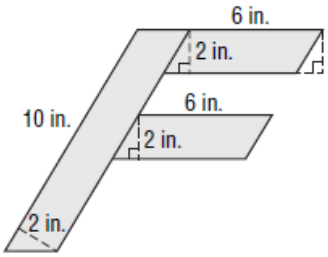
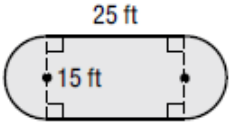
5. Robert was asked to repaint the sign for his mother's ice cream shop, so he needs to figure out how much paint he will need. Find the area of the ice cream cone on the sign. Round to the nearest tenth.



6. Jim is planning to install a new countertop in his kitchen, as shown in the figure. Find the area of the countertop.



7. Cindy has a jacket with the first letter of her school's name on it. Find the area of the letter on Cindy's jacket.



8. The Cruz family is buying a custom-made cover for their swimming pool, shown below. The cover costs $2.95 per square foot. How much will the cover cost? Round to the nearest cent.