## **Lesson 6 Homework Practice**

## Area of Composite Figures

NAME

Find the area of each figure. Round to the nearest tenth if necessary.



## In each diagram below, one square unit represents 5 square meters. Find the area of each figure.

8.



- - 65 yd 25 yd 40 yd
- 10. SIDING Use the diagram that shows one end of a cottage.

9. AUDITORIUM The diagram at the right gives the

dimensions of an auditorium. If new carpet is needed for the auditorium, what will be the area

of the carpet? Round to the nearest square yard.

- **a.** Each end of the cottage needs new siding. Find the total area that needs new siding.
- **b.** The siding material costs \$75 for a bundle of siding that covers an area of 100 square feet. What will be the total cost to put siding on both ends of the cottage? Justify your answer.

