

## Area Formula Quiz!

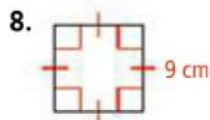
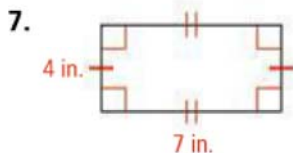
Homework:

BOOK:

p.64: 7-9 all,

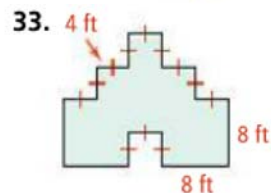
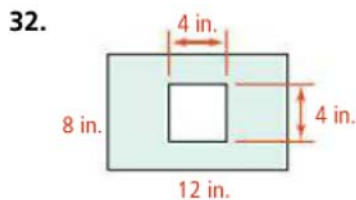
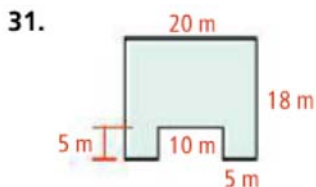
p.65: 31-37all, 39, 41, 42

Find the perimeter of each figure.



9. **Fencing** A garden that is 5 ft by 6 ft has a walkway 2 ft wide around it. What is the amount of fencing needed to surround the walkway?

Find the area of the shaded region. All angles are right angles.



 See I

**Home Maintenance** To determine how much of each item to buy, tell whether you need to know area or perimeter. Explain your choice.

34. wallpaper for a bedroom

35. crown molding for a ceiling

36. fencing for a backyard

37. paint for a basement floor

39. a. What is the area of a square with sides 12 in. long? 1 ft long?

b. How many square inches are in a square foot?

41. The area of an 11-cm-wide rectangle is  $176 \text{ cm}^2$ . What is its length?

42. A square and a rectangle have equal areas. The rectangle is 64 cm by 81 cm. What is the perimeter of the square?