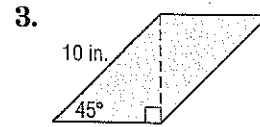
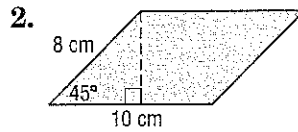
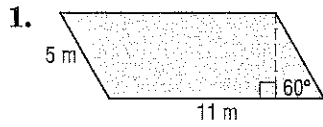


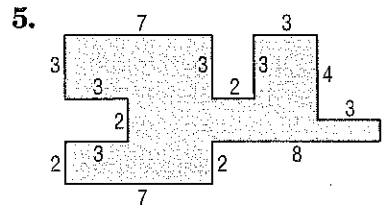
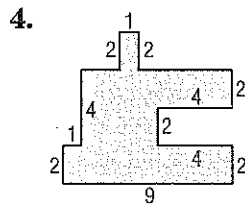
11-1 Practice

Area of Parallelograms

Find the perimeter and area of each parallelogram. Round to the nearest tenth if necessary.



Find the area of each figure.



COORDINATE GEOMETRY Given the coordinates of the vertices of a quadrilateral, determine whether it is a *square*, a *rectangle*, or a *parallelogram*. Then find the area of the quadrilateral.

6. $C(-4, -1), D(-4, 2), F(1, 2), G(1, -1)$ 7. $W(2, 2), X(1, -2), Y(-2, -2), Z(-1, 2)$

8. $M(0, 4), N(4, 6), O(6, 2), P(2, 0)$ 9. $P(-5, 2), Q(4, 2), R(5, 5), S(-4, 5)$

FRAMING For Exercises 10–12, use the following information.

A rectangular poster measures 42 inches by 26 inches. A frame shop fitted the poster with a half-inch mat border.

10. Find the area of the poster.
11. Find the area of the mat border.
12. Suppose the wall is marked where the poster will hang. The marked area includes an additional 12-inch space around the poster and frame. Find the total wall area that has been marked for the poster.

