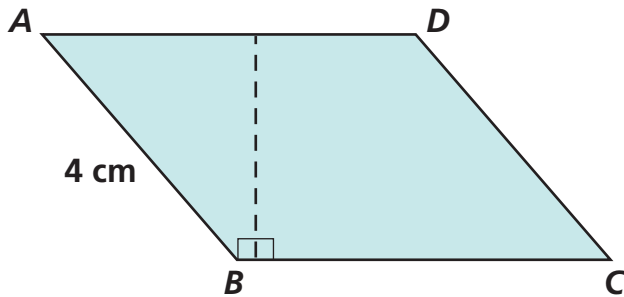


Measuring to Find Areas of Parallelograms

NCTM Standards 1, 3, 4, 6, 7, 9, 10

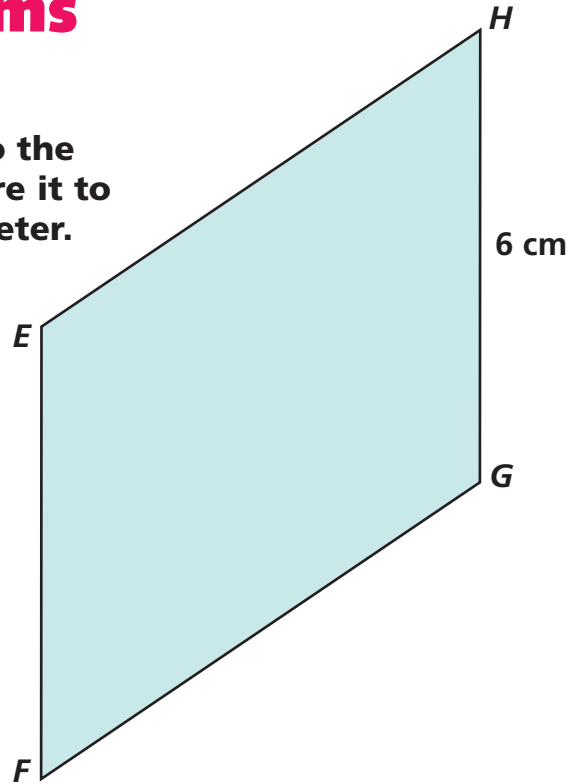
Measure the sides of each parallelogram to the nearest cm. Draw in the height and measure it to the nearest cm. Record the area and perimeter.

1



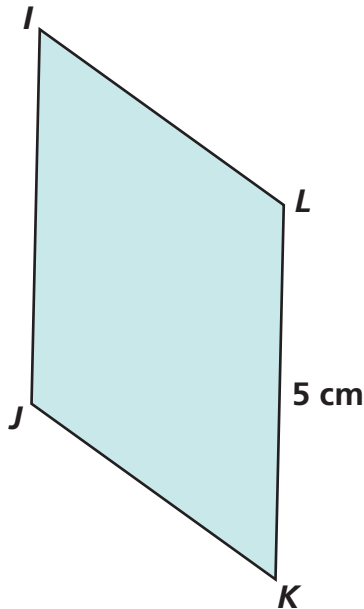
Base \overline{BC} _____ Area _____
 Height 3 cm Perimeter _____

2



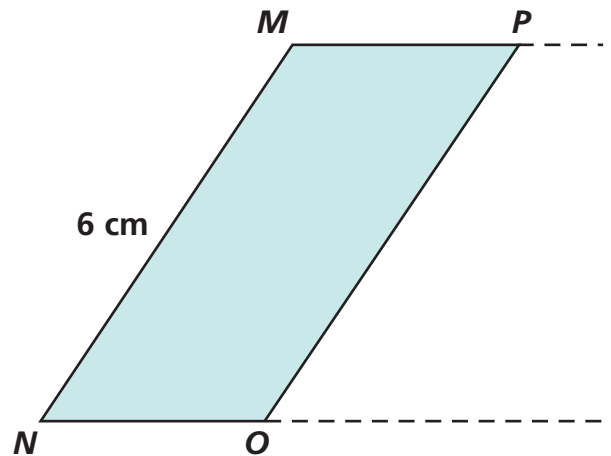
Base \overline{FG} _____ Area _____
 Height _____ Perimeter _____

3



Base \overline{JK} _____ Area _____
 Height _____ Perimeter _____

4



Base \overline{NO} _____ Area _____
 Height _____ Perimeter _____

Solve the problems.

5 The fence around a rectangular-shaped park is 240 yards long.

A Draw a rectangle to represent the park, and label the lengths of the sides.

B What is the area of a park with these measurements? _____

C Draw a different rectangle to represent the park.

D What is the area of a park with these measurements? _____

6 Challenge A quilt is made up of square patches, each of which measure 16 inches by 16 inches. Each patch is made up of 16 small squares. What is the area of each small square? _____

Draw a sketch if you wish.