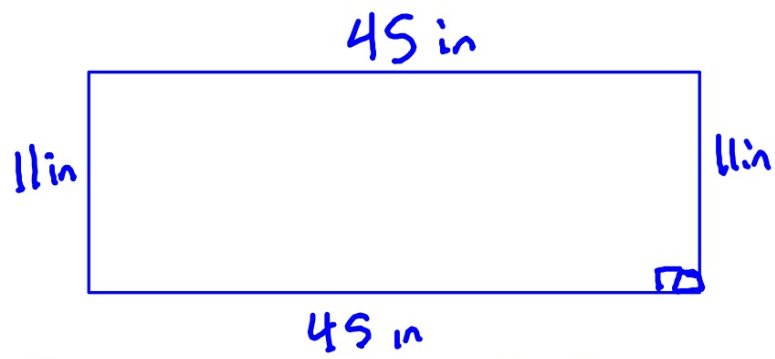


Area and Perimeter Problems where a side length is missing

Connect



$$P = l + w + l + w$$
$$P = l \times 2 + w \times 2$$

$$A = l \times w$$
$$45 \times 11$$

**I do**

The new cafeteria kitchen was tiled with 279 1-square-foot tiles. The room is rectangular, and it is 9 feet wide. How long is the new kitchen (in feet)?

**We do**

Rhonda bought 182 feet of fencing to put around her garden. The garden is 25 feet long. How wide is the garden?

**You do together  
on whiteboard**

A new school has classrooms that are 8 meters long, and they are carpeted with 112 square meters of red carpet. How wide are the new classrooms (in meters)?

**You do alone on  
index card**

A plain sheet of paper is  $21\frac{1}{2}$  centimeters wide, and has a perimeter of 99 centimeters. How long is a plain sheet of paper (in centimeters)?