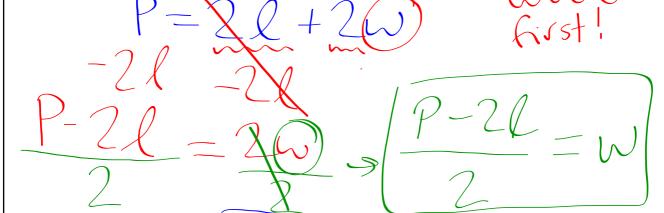
Warm-Up

The equation for perimeter of a rectangle is

P = 2I + 2w, where P is perimeter, I is length, and w is width.

(a) Solve this equation for w.



(b) What is the width of a rectangle that has a perimeter of 30 in. and a length of 4 in.?

$$\frac{P-2l}{2} = (30)-2(4) \frac{30-8}{2}$$

$$= \frac{2}{2} \frac{2}{2} \frac{1}{2} \frac{1}{2$$