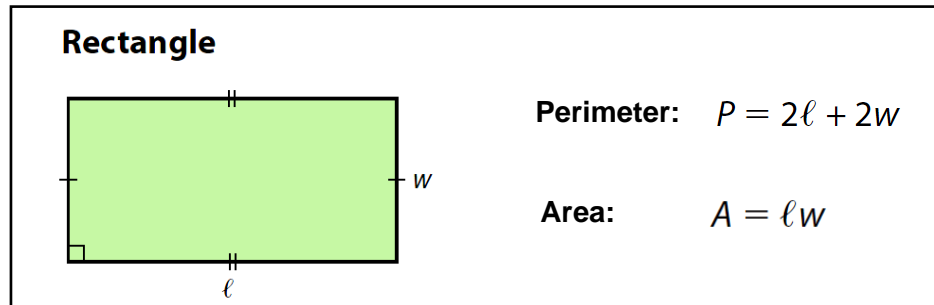
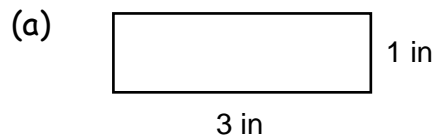


Worksheet 1-3: Perimeter and Area of a Rectangle

1. Determine the perimeter of each given rectangle.



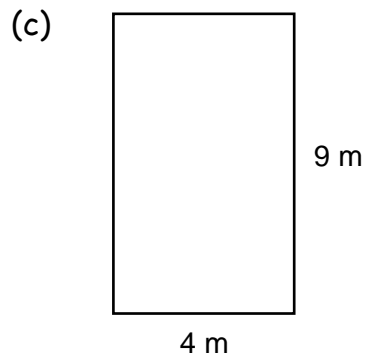
$$\begin{aligned} \text{Perimeter} &= 2l + 2w \\ &= 2(3) + 2(1) \\ &= 6 + 2 \\ &= 8 \end{aligned}$$

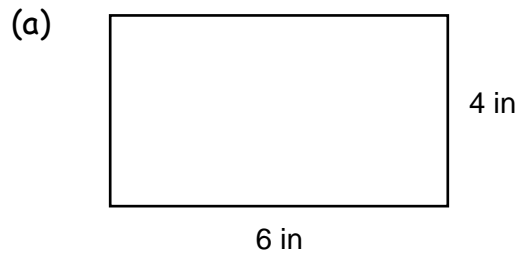
The perimeter is 8 in.



$$\begin{aligned} \text{Perimeter} &= 2l + 2w \\ &= 2(5) + 2(4) \\ &= 10 + 8 \\ &= 18 \end{aligned}$$

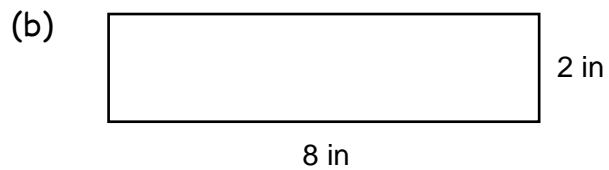
The perimeter is 18 in.



**2. Determine the area of each given rectangle.**

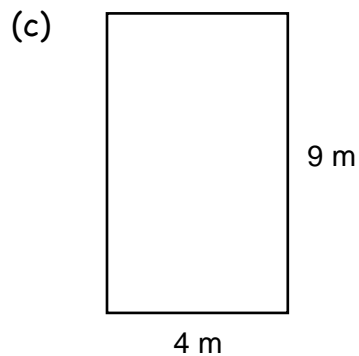
$$\begin{aligned}\text{Area} &= lw \\ &= (6)(4) \text{ or } 6 \times 4 \\ &= 24\end{aligned}$$

The area is 24 **in**<sup>2</sup>.



$$\begin{aligned}\text{Area} &= lw \\ &= (8)(2) \\ &= 16\end{aligned}$$

The area is 16 **in**<sup>2</sup>.

**3. Determine the area and perimeter of the given rectangle.**