

Area of Squares and Rectangles

What is the area of this rectangle?

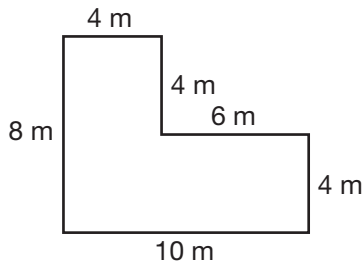
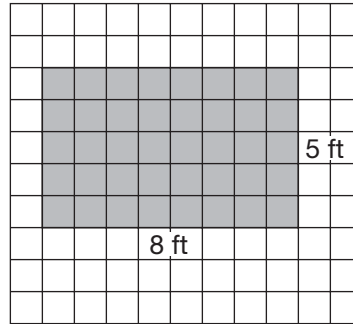
Use the formula $A = \ell \times w$:

$$A = 8 \times 5$$

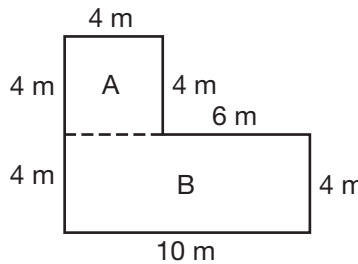
$$A = 40$$

The area is 40 square feet.

What is the area of this figure?



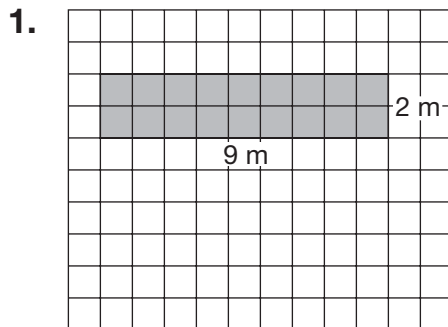
You can draw segments to divide the figure into rectangles. Then find the area of each rectangle and add.

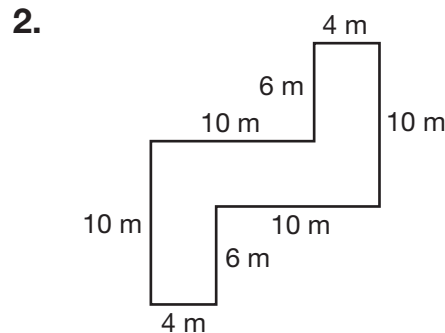


Rectangle A	Rectangle B
$A = \ell \times w$	$A = \ell \times w$
$A = 4 \times 4$	$A = 4 \times 10$
$= 16$	$= 40$

$16 + 40 = 56$, so the area of the original figure is 56 square meters.

Find the area of each figure.





3. **Reason** The area of a rectangle is 56 square inches. The width of the rectangle is 7 in. What is the length? _____