

Example

Find the area of the figure.

Divide the figure into familiar shapes.

Find the area of each shape.

Rectangle₁: $A = lw = 7 \cdot 4 = 28 \text{ units}^2$

Rectangle₂: $A = lw = 10 \cdot 4 = 40 \text{ units}^2$

Triangle: $A = \frac{1}{2}bh = 0.5 \cdot 3 \cdot 8 = 12 \text{ units}^2$

Find the sum of the areas.

$$28 + 40 + 12 = 80 \text{ units}^2$$

