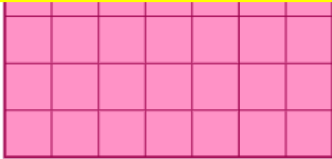


# Transition from unit squares to the area formula

**29/01/2025:** Create rectangles with a given area, area formula, 5 minutes quiz, breaking down shapes, 5 minutes quiz, unit testing, what is a perimeter, perimeter word problems, 5 minutes quiz, area and perimeter situations, 5 minutes quiz




What expressions can we use to find the area of the rectangle?

Choose 2 answers:

☒ CORRECT (SELECTED)  
 $8 \times 7$

☒ CORRECT (SELECTED)



Choose 1 answer:

☐  $9\text{units} \times 7\text{units} = 63\text{square units}$

☐  $6\text{units} \times 3\text{units} = 18\text{square units}$

☒ CORRECT (SELECTED)  
 $6\text{units} \times 8\text{units} = 48\text{square units}$

☐  $5\text{units} \times 7\text{units} = 35\text{square units}$

# Understanding the decomposition of figures to calculate the area

Calculate the area of the shaded figure by subtracting the areas.

TOr

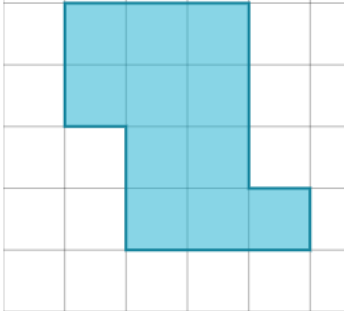
area

= 48 -

12

= 36 unidades cuadradas

## Find the perimeter by counting units

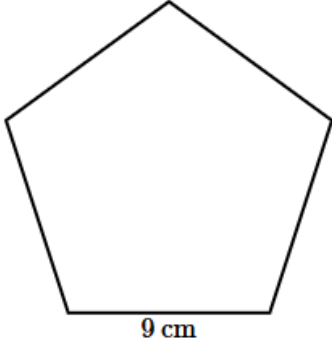


What is the perimeter of the colored figure?

units.

## Finding the perimeter when a side length is missing

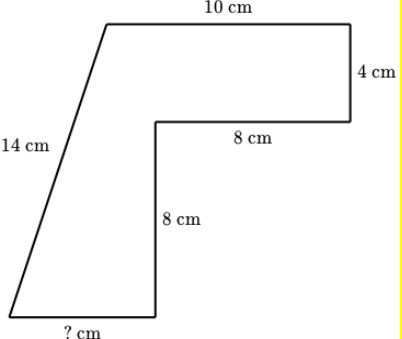
What is the perimeter of the regular pentagon?



centimeters.

What is the missing side length?

cm



## Perimeter Word Problems

Jayden folded a strip of paper ~~66 cm~~ in 6 equal parts to model a honeycomb-shaped cell. Each part was one side of the model.

How long is one side of the model?

cm

## **Area and perimeter situations**