

Area of rectangles

Year 4 · Geometry · y4-geo-area-rect

Name: _____

Date: _____

Class: _____

Score: ____ / ____

Instructions

Answer every question in Practice. Try the Challenge section once Practice is complete. 10 questions in total.

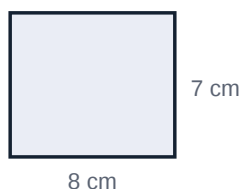
Practice

1. A rectangle is drawn on a square centimetre grid. It covers 4 columns and 3 rows of unit squares. What is the area of the rectangle?

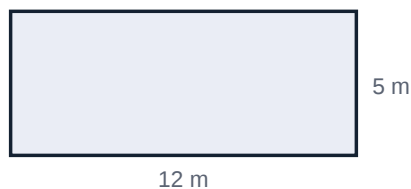
2. A rectangle has length 6 cm and width 5 cm. What is its area?



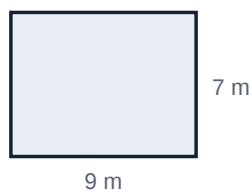
3. A rectangle has length 8 cm and width 7 cm. What is its area?



4. A classroom wall is 12 m long and 5 m high. What is the area of the wall in square metres?



5. A rectangular garden is 9 m long and 7 m wide. What is the area of the garden?



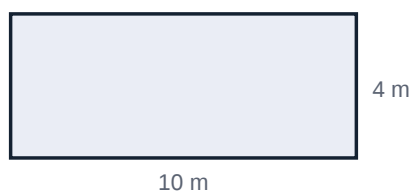
6. A rectangle has an area of 24 cm^2 and a length of 8 cm. What is its width?



7. A rectangle has an area of 45 cm^2 and a width of 5 cm. What is its length?



8. A rectangular floor is 10 m long and 4 m wide. What is the area of the floor?



Challenge

1. Rectangle A is 6 cm long and 4 cm wide. Rectangle B is 8 cm long and 3 cm wide. Which rectangle has the greater area?

Rectangle A



Rectangle B



2. Rectangle A has length 12 cm and width 3 cm. Rectangle B has length 9 cm and width 4 cm. Do both rectangles have the same area?

