

Perimeter of simple 2D shapes

Year 3 · Geometry · y3-geo-perimeter

Name: _____

Date: _____

Class: _____

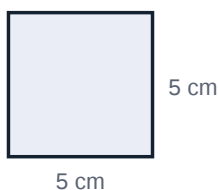
Score: ____ / ____

Instructions

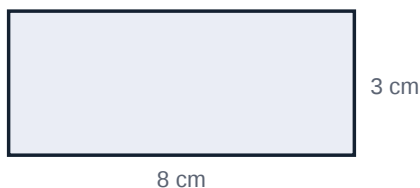
Answer every question in Practice. Try the Challenge section once Practice is complete. 10 questions in total.

Practice

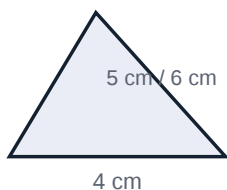
1. What is the perimeter of a square with side length 5 cm?



2. A rectangle has length 8 cm and width 3 cm. What is its perimeter?



3. A triangle has sides 4 cm, 5 cm and 6 cm. What is its perimeter?



4. A square has perimeter 24 cm. What is the length of one side?



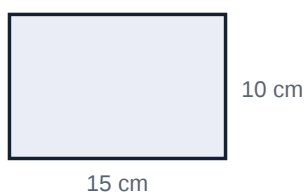
5. A rectangle has perimeter 20 cm and length 7 cm. What is its width?



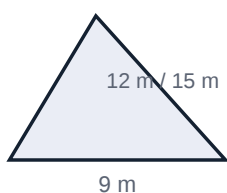
6. A farmer wants to fence a rectangular field that is 12 m long and 8 m wide. How much fencing does he need?



7. A picture frame is 15 cm by 10 cm. How much wood is needed to make the frame?



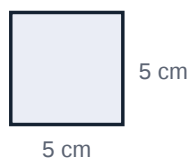
8. A triangle-shaped garden has sides 9 m, 12 m and 15 m. How much fence is needed to go around it?



Challenge

1. Which shape has the larger perimeter: a square with side 5 cm or a rectangle with length 8 cm and width 4 cm?

Square



Rectangle



2. Which calculation gives the correct perimeter for a rectangle with length 10 cm and width 7 cm: $10 + 7$ or $10 + 7 + 10 + 7$?