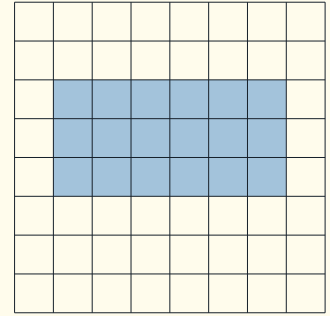


PERIMETER BY PAIRING EQUAL SIDES

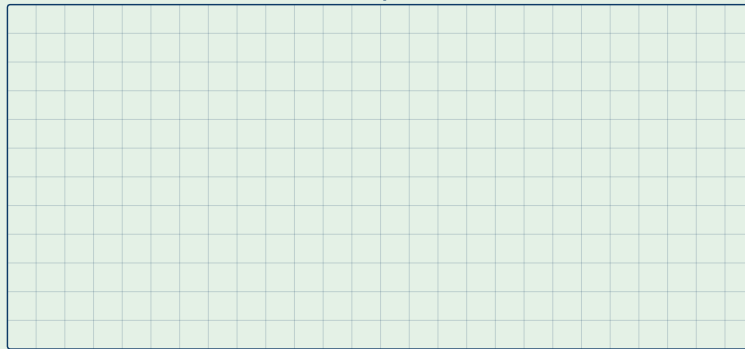
- 1 The shaded rectangle is 6 cm long and 3 cm wide.
- 2 Add one long side and one short side: $6 + 3 = 9$ cm.
- 3 Double that pair because there are two of each: $9 \times 2 = 18$ cm.



WARM-UP

Use the squared space to draw each shape and set out its perimeter working.

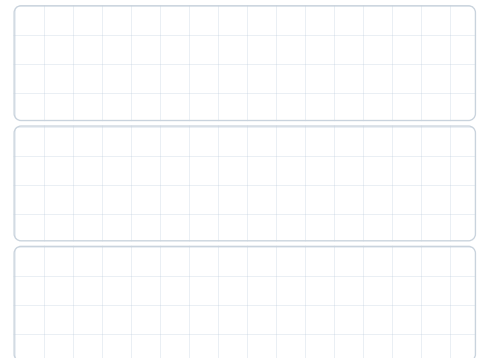
Shapes



1. Draw the 14 cm by 15 cm rectangle and write out $14 + 15 + 14 + 15$ to find its perimeter.
2. Draw the regular pentagon of side 16 cm and write 16×5 to find its perimeter.
3. Draw the regular hexagon of side 17 cm and write 17×6 to find its perimeter.

PRACTICE

- 1 A maker cuts a rectangular name tag 4 cm along the top and 2 cm down the side. What is the perimeter of the tag?
- 2 A builder glues four equal 5 cm sticks into a square photo frame. What is the perimeter of the square?
- 3 A carpenter makes a rectangular tray base 8 cm by 10 cm. What is the perimeter she must edge with tape?



IRISH FACT

Walking the edge of a GAA pitch

A full-size GAA pitch can be 145 m long and 90 m wide. Walking all the way around the sidelines is a perimeter of 470 m.

GAA official dimensions



REFLECT

For rectangles, did you add all four sides or double the length-plus-width? Which felt clearer?