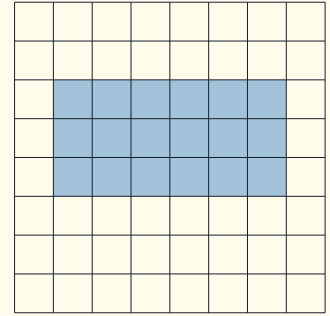


PERIMETER BY PAIRING EQUAL SIDES

- 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 space to set out the perimeter working for each shape.



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

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 crafter builds a regular pentagon badge with every side 7 cm long. What is the perimeter of the badge?
- 4 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?