

Luna's Space Adventure

Grade 3 · Perimeter · 3.MD.D.8

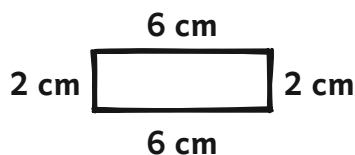
Name _____

Date _____

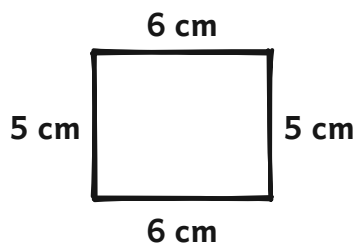


Astronaut Luna is exploring a far-off corner of space. Solve each problem to help Luna's mission go smoothly!

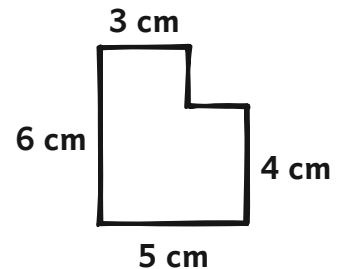
Distance around Add all the sides.



cm

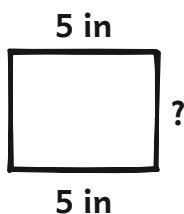


cm

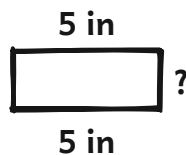


cm

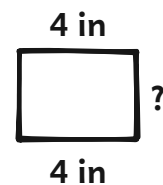
The missing side The perimeter is given. What is the side marked ?



P = 18 in, ? = in



P = 14 in, ? = in



P = 14 in, ? = in

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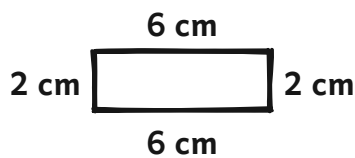
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ANSWER KEY

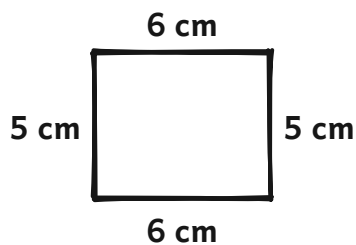


Astronaut Luna is exploring a far-off corner of space. Solve each problem to help Luna's mission go smoothly!

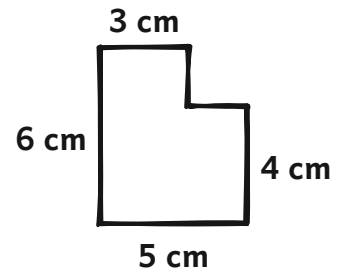
Distance around Add all the sides.



16 cm

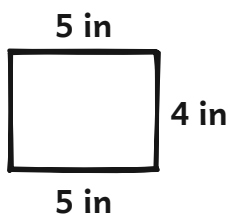


22 cm

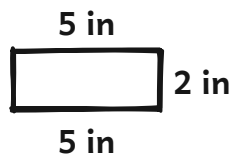


22 cm

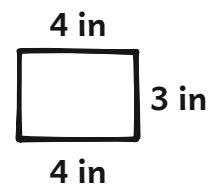
The missing side The perimeter is given. What is the side marked ?



P = 18 in, ? = **4** in



P = 14 in, ? = **2** in



P = 14 in, ? = **3** in

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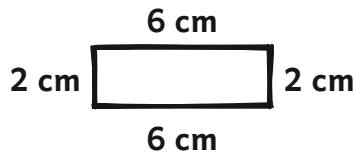
GUIDE

① What this sheet practises

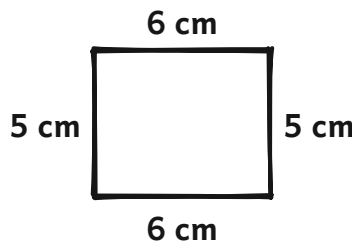
Perimeter as the distance around a shape, including finding a missing side when the perimeter is known.

② A problem from the sheet, worked out

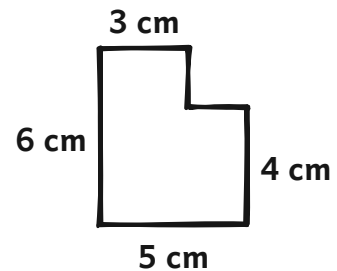
Distance around Add all the sides.



16 cm



22 cm



22 cm

How: Add the lengths of all the sides. If one side is missing, take the other sides away from the perimeter.

③ Words to know

perimeter the distance all the way around a shape

side one straight edge

unit what a length is measured in: cm, in, ft

missing side the one side you work out

④ Watch for

- Multiplying the sides (that's area) instead of adding.
- Leaving out sides that aren't labelled.
- Forgetting the unit.

⑤ Where it fits

BEFORE

2.MD.B.5

Solve length story problems within 100.

THIS SHEET

3.MD.D.8

Solve perimeter problems, including finding a missing side.

NEXT

4.MD.A.3

Use area and perimeter formulas for rectangles.

⑥ Helping at home

Walk around a table or a rug and count your steps: that's its perimeter in steps.