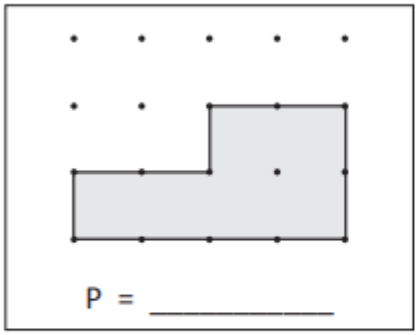
LO: I can find the perimeter of a rectilinear shape

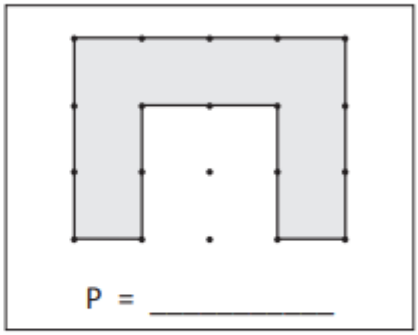
Find the perimeters of these irregular shapes. Use the 1 cm dot paper as your guide

a



P = _____

b



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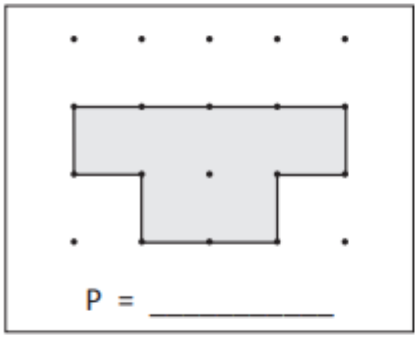
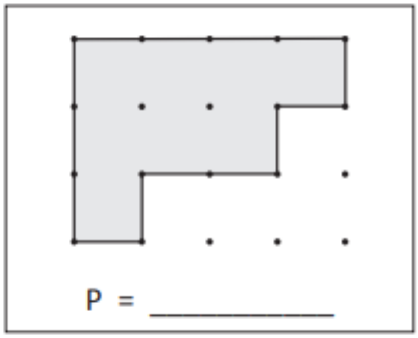
c



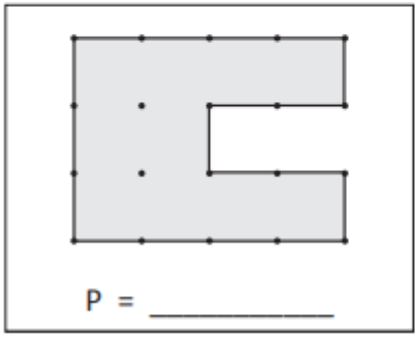
P = _____

d



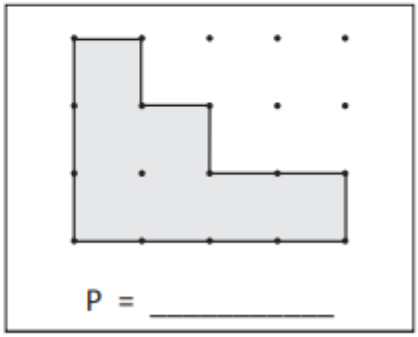
P = _____

e



P = _____

f



P = _____

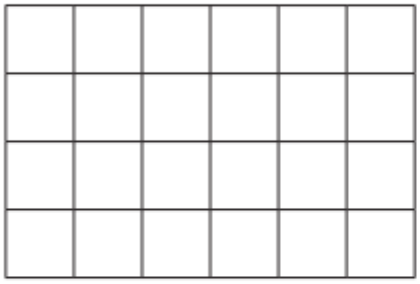
a Draw a rectangle with a perimeter of 12 cm.

b Draw a rectangle with a perimeter of 20 cm.

Predict the perimeter of each of these shapes on the square centimetre grid below. Show what the perimeter is by drawing and labelling.

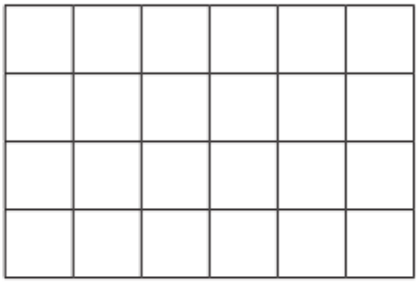
a A square with 4 cm sides.

P = ☐ cm



b A rectangle with two 3 cm sides and two 1 cm sides.

P = ☐ cm

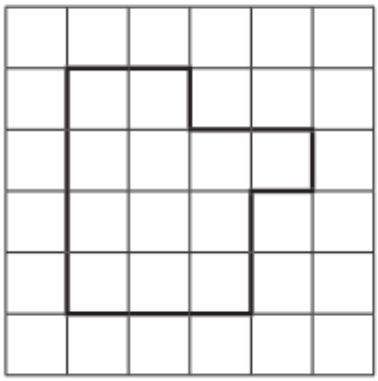


Use the 1 cm grid paper to construct the following shapes at each starting point with the stated perimeter.

a 10 cm **b** 14 cm **c** 8 cm

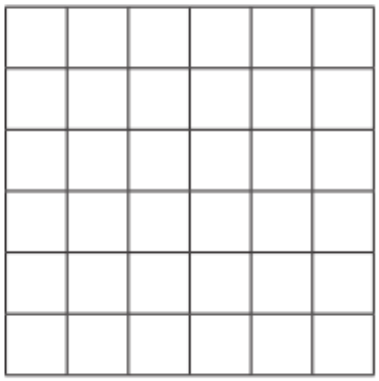
Here are more square centimetre grids.

a What is the perimeter of this irregular shape?



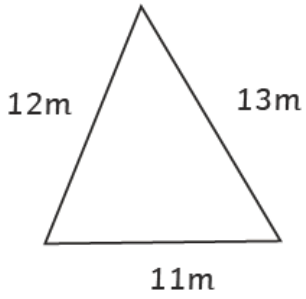
P = ☐ cm

b Draw a square with the same perimeter.

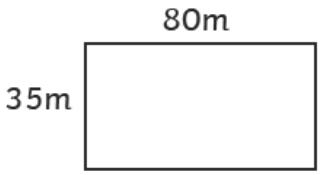


Challenge

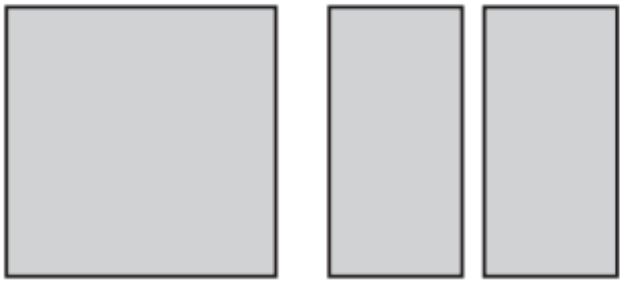
A farmer wants to put a fence around a piece of land to keep his sheep away from his cows. One side of the fence is 12m, the second side is 11m and the third side is 13m. What is the total perimeter of the fence?



Ellie wants to run around the perimeter of the rectangular school field. The two long sides are each 80m long and the two short sides are each 35m long. How far will Ellie travel if she ran around the perimeter of the field?



The perimeter of this square is 32 cm.
When it is cut in half, we get two identical rectangles.
What is the perimeter of one rectangle?



P =

The shape below is made up of two rectangles.
Identify the perimeter of each of the two rectangles.