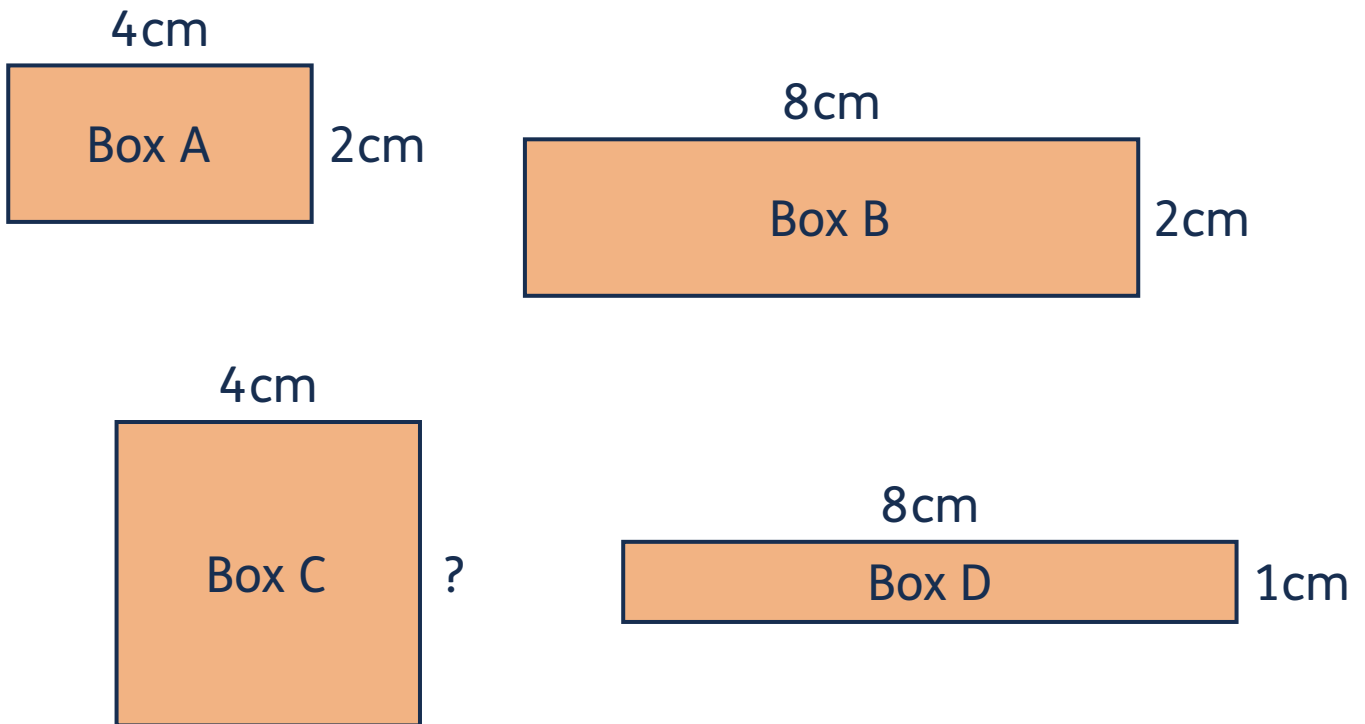


Perimeter and area

Question 1

Boxes A, B and D are rectangles. Box C is a square.



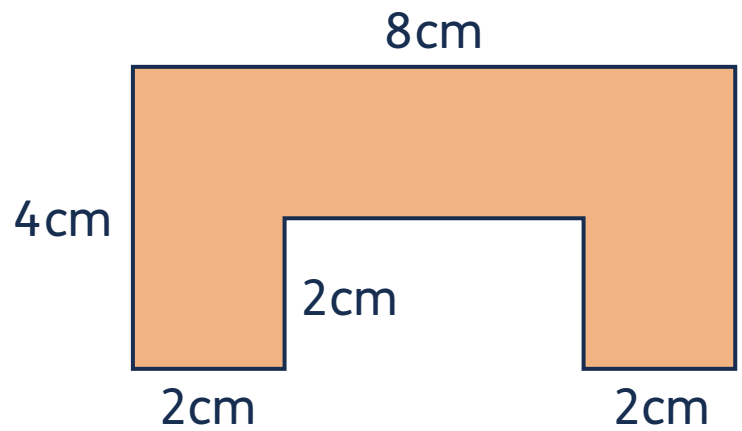
- What is the perimeter of Box A?
- What is the perimeter of Box D?
- What is the length of the missing side for Box C?
- What is the perimeter of Box C?
- Which box has the longest perimeter?
- Which box has the shortest perimeter?



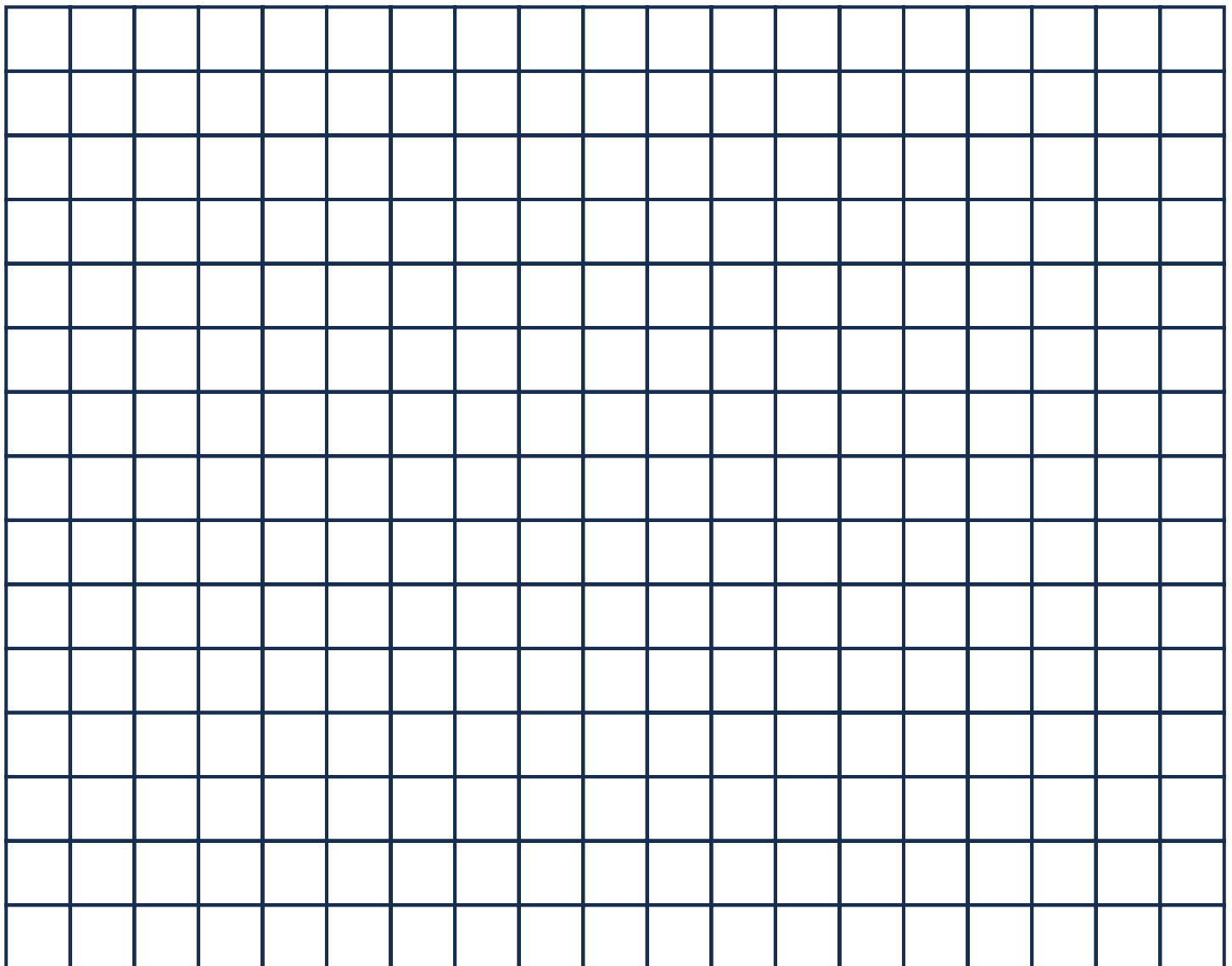
Perimeter and area

Question 2

a Can you calculate the perimeter of this shape?



b Can you draw two more rectilinear shapes with the same perimeter?



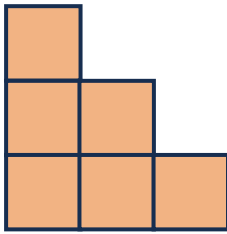
Perimeter and area

Question 3

Finding area by counting squares.
What is the area of each shape?

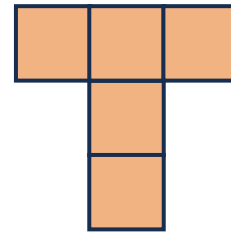


a



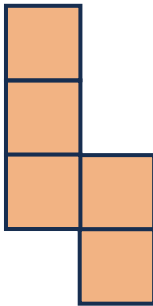
Area = cm²

b



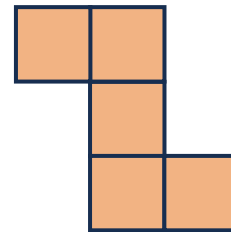
Area = cm²

c



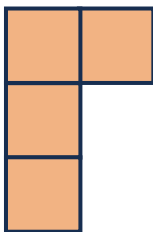
Area = cm²

d



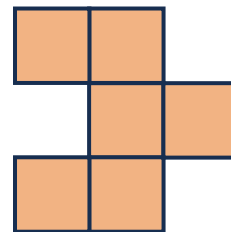
Area = cm²

e



Area = cm²

f



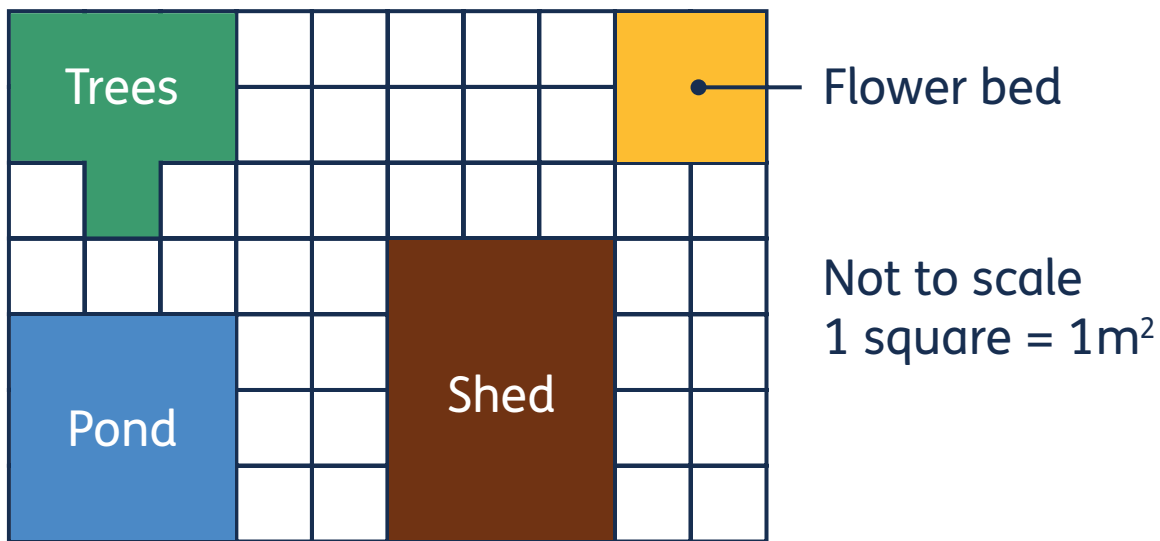
Area = cm²



Perimeter and area

Question 4

William and his sister Lauren are designing a new home for each of their pets in the garden. The garden is 10m long and 7m wide. The pet homes need to be 2m wide and 3m long each.



- Can you shade the squares above to show where the two homes could go?
- What is the perimeter of each home?
- What is the maximum number of homes that could fit in the garden?
- What area does the shed take up?
- What is the area of the pond?
- If both pets have homes, how much of the garden is still empty?

