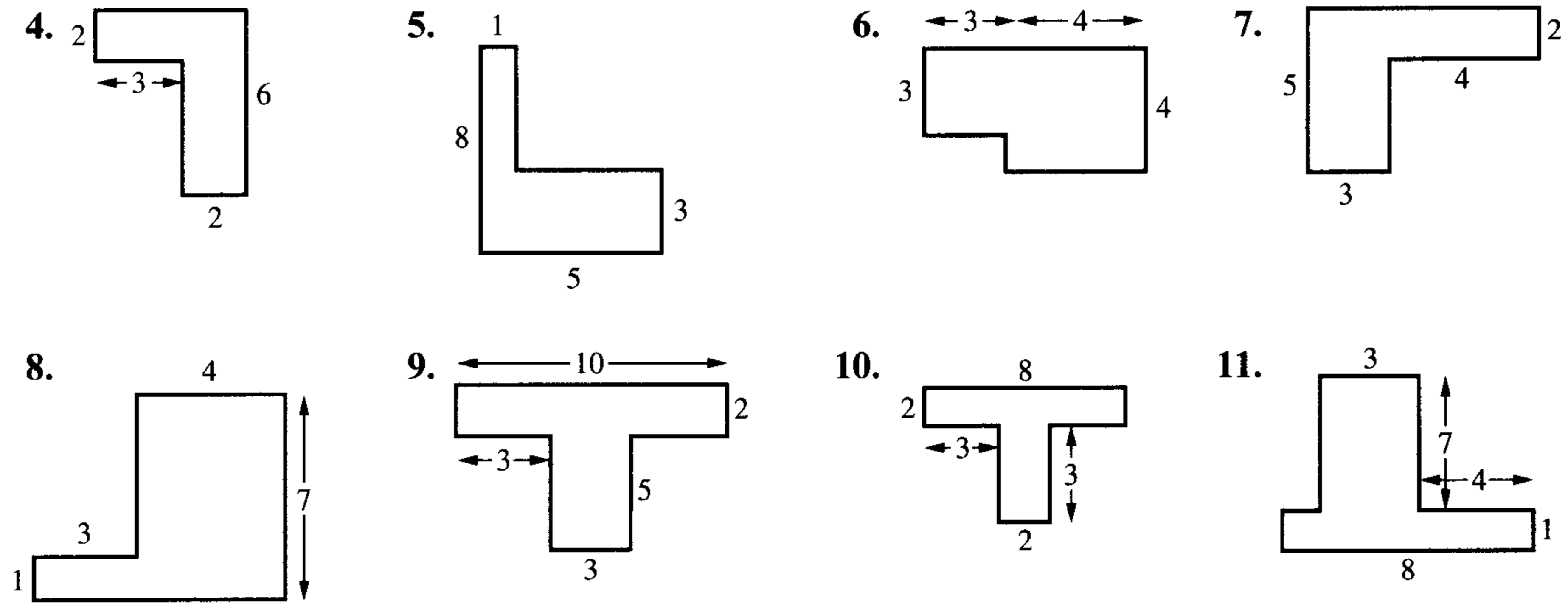
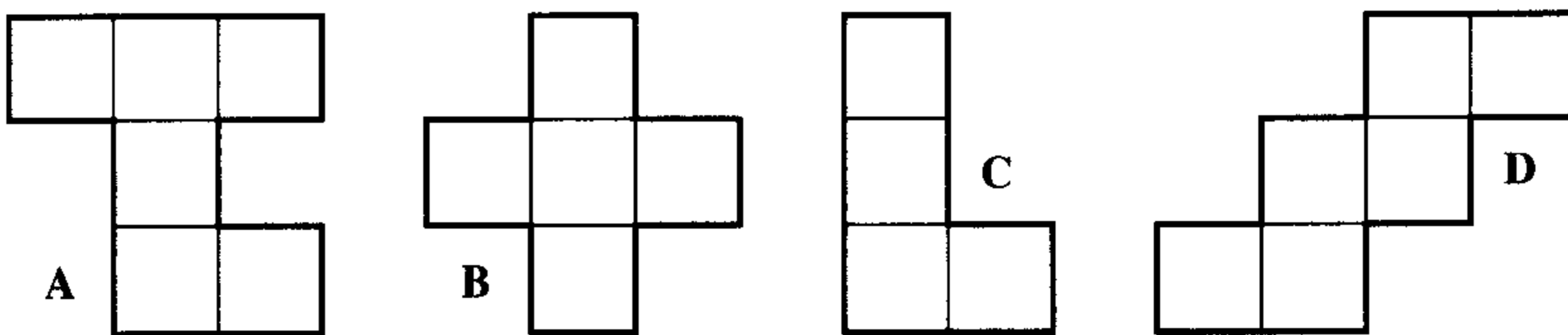


The shapes in Questions 4 to 11 consist of rectangles joined together. Find the missing lengths and then work out the perimeter of each shape. The lengths are in cm.



Questions 12 onwards are about perimeter *and* area.

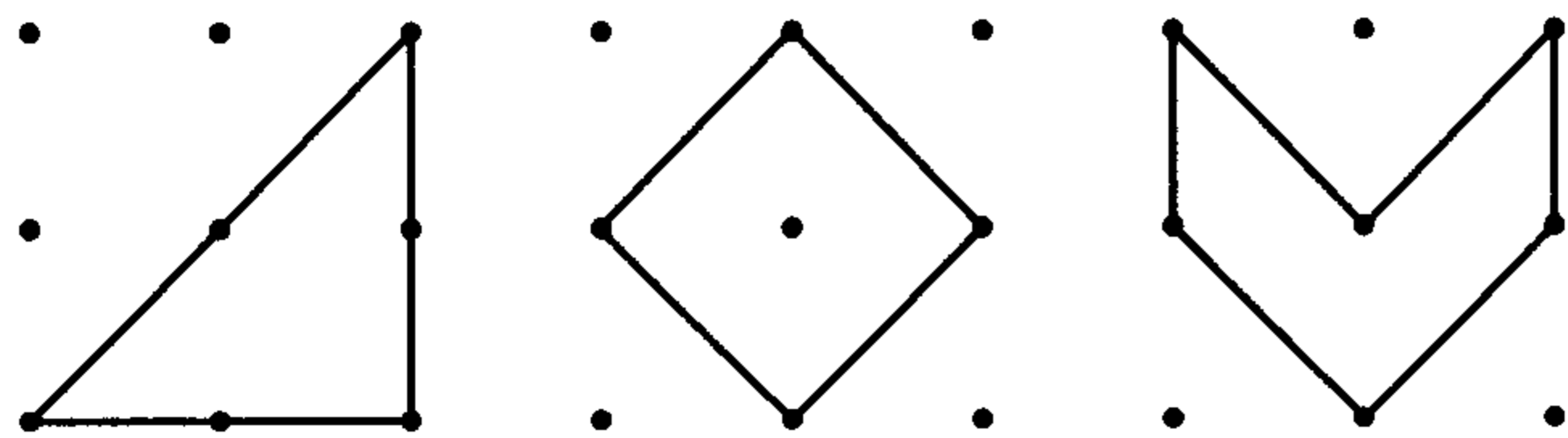
12. Here are four shapes made with centimetre squares.



- (a) Which shape has an area of 5 cm^2 ?
- (b) Which two shapes have the same perimeter?

13. Each of the shapes here has an area of 2 cm^2 .

- (a) On square dotted paper draw three more shapes with area 2 cm^2
- (b) Draw three shapes with area 3 cm^2 .
- (c) Draw one shape with area 4 cm^2 and perimeter 10 cm.



14. A picture frame has its length twice its height. The total length of wood used in the frame is 132 cm. Work out the length of the frame.

