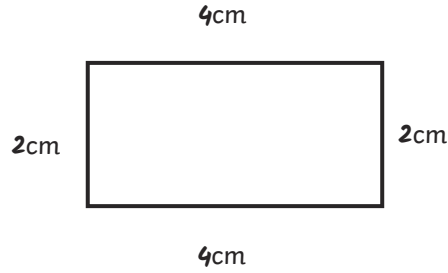


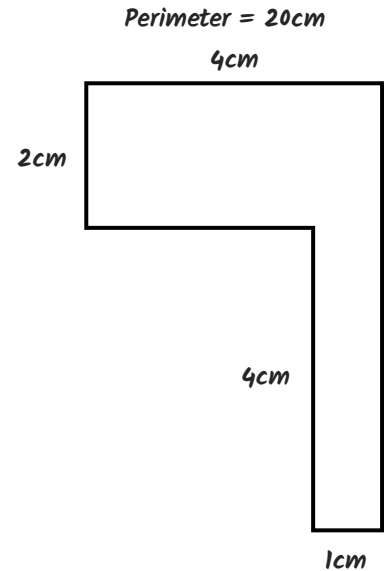
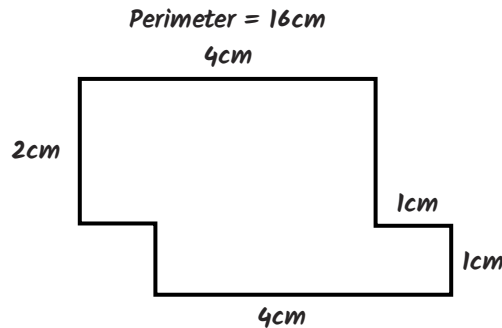
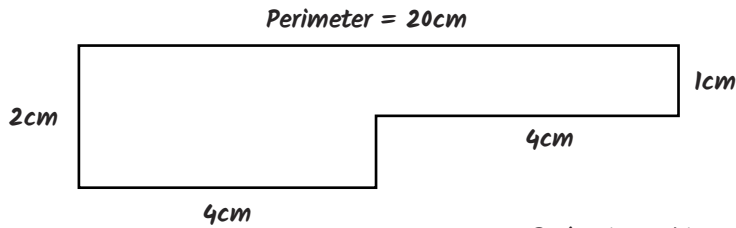


- 1) a) 10cm
- b) 6cm
- c) 16cm

2) a)



b) Example answers:



- 1) Meera is incorrect as shape A has a perimeter of 24cm and shape B has a perimeter of 19cm.
- 2) David is correct. The compound shape has a perimeter of 24cm, which is the same as the rectangle he has described.



- 1) There are 15 different possible rectangles, with the following measurements: 1cm by 29cm, 2cm by 28cm, 3cm by 27cm, 4cm by 26cm, 5cm by 25cm, 6cm by 24cm, 7cm by 23cm, 8cm by 22cm, 9cm by 21cm, 10cm by 20cm, 11cm by 19cm, 12cm by 18cm, 13cm by 17cm, 14cm by 16cm and 15cm by 15cm.
- 2) The field has a perimeter of 37cm which scales up to 370m.



Wooden Fencing	Electric Fencing
250m	120m
245m	125m
240m	130m
235m	135m
230m	140m
225m	145m
220m	150m