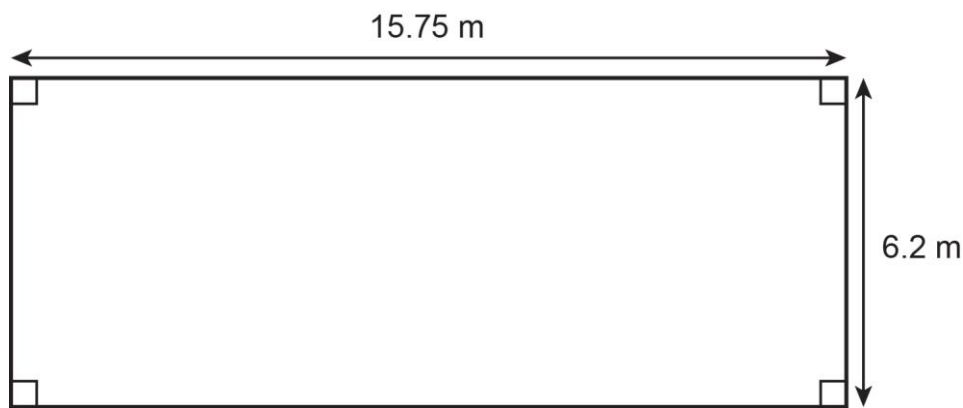


Handout 3: Practice questions

Question 1

Jasmine has an allotment.

The allotment is in the shape of a rectangle.



Jasmine wants to put a fence around the edge of the allotment.

There needs to be a gap in the fencing of 1.5 m for a gate.

Fencing is sold in whole metres.

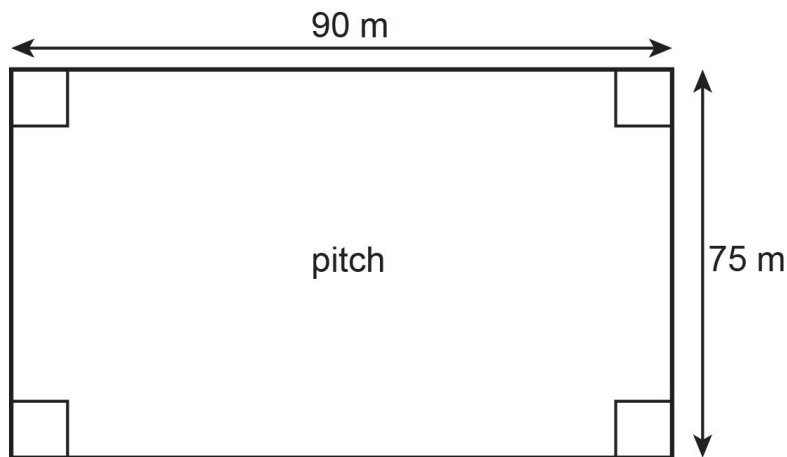
Work out the length of fencing Jasmine needs to buy.

Question 2

Ali is preparing for a race.

He runs laps around a football pitch to prepare for the race.

The length of each lap is the total distance along the four edges of the pitch.



Ali needs to run at least 10 km.

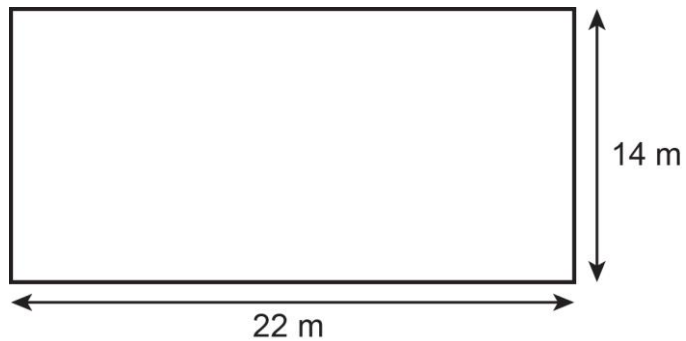
What is the minimum number of complete laps Ali should run?

Question 3

Zeenat wants to buy edging to put along the edges of her lawn.

She has this sketch of the lawn.

The lawn is in the shape of a rectangle.



Each metre of edging costs £5.

Zeenat thinks the total cost of the edging will be £360.

(a) Is Zeenat correct? Show why you think this.

(b) Use a reverse calculation to show a check of your answer.

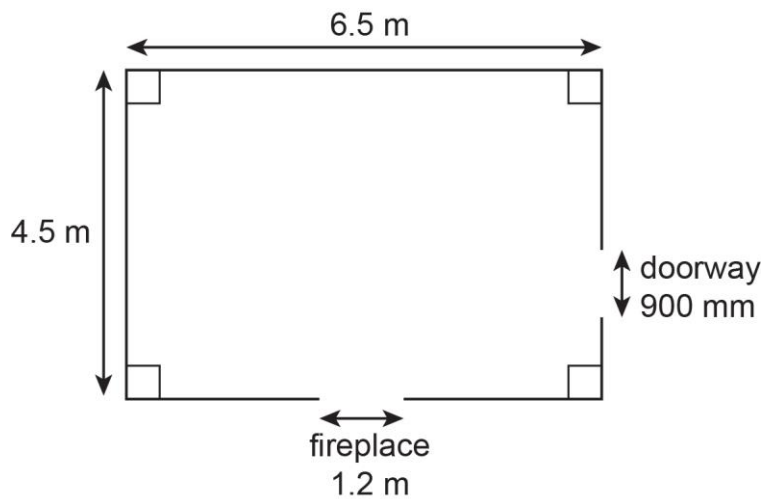
Question 4

Amy wants new skirting boards in her living room.

The skirting boards will

- go along the bottom of each wall
- not go across the doorway
- not go across the fireplace.

Amy has this sketch of her living room.



Skirting boards come in lengths of 2.4 m.

The lengths of skirting board can be cut and joined.

How many lengths of skirting board does Amy need?

You **must** show your working.