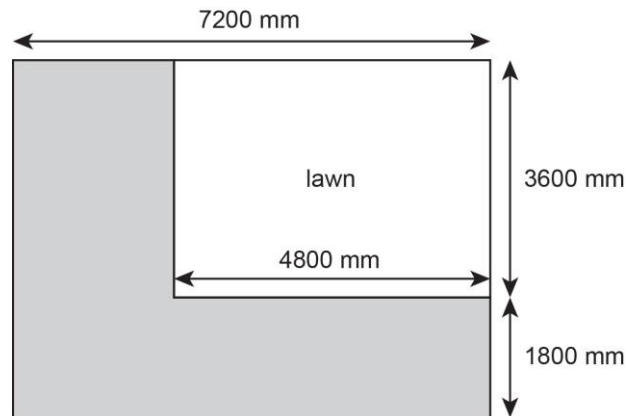


Handout 6

Question 1

Maninder wants to put slabs in part of her garden.
She has this sketch. All corners are right angles.



Key space for slabs

Each slab is in the shape of a square with sides of length 600 mm.

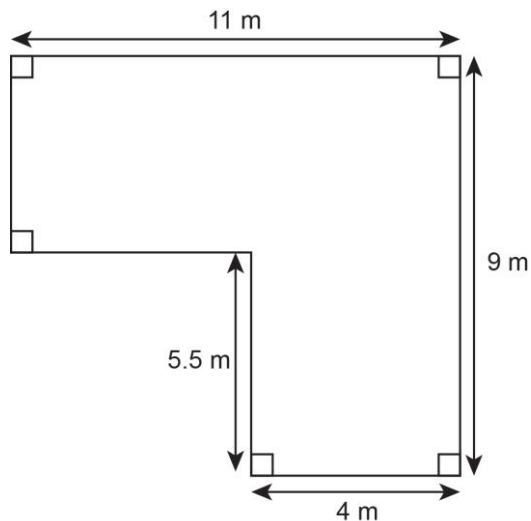
Maninder thinks she needs 65 slabs for this part of the garden.

Are 65 slabs enough for this part of the garden?

Show why you think this.

Question 2

Harpeet wants to put tiles on the ceiling of a room. He has this sketch of the ceiling.



Harpeet knows one pack of ceiling tiles:

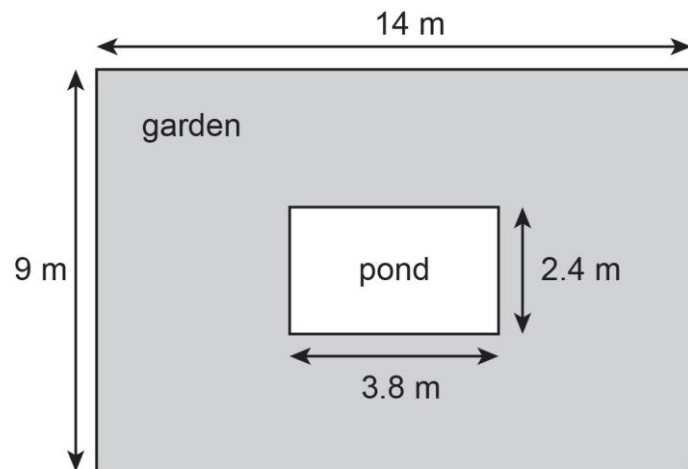
- covers an area of 3.24 m^2
- costs £34.95.

Ceiling tiles can be cut and joined.

Calculate the total cost of the packs of ceiling tiles Harpeet has to buy.

Question 3

Here is a garden and a pond.
The garden and the pond are rectangular.



Kayla is covering the garden with grass seed.
She will not put any grass seed in the pond.
One box of grass seed covers 15 m^2 of garden.

Work out the number of boxes of grass seed Kayla needs to cover the garden.