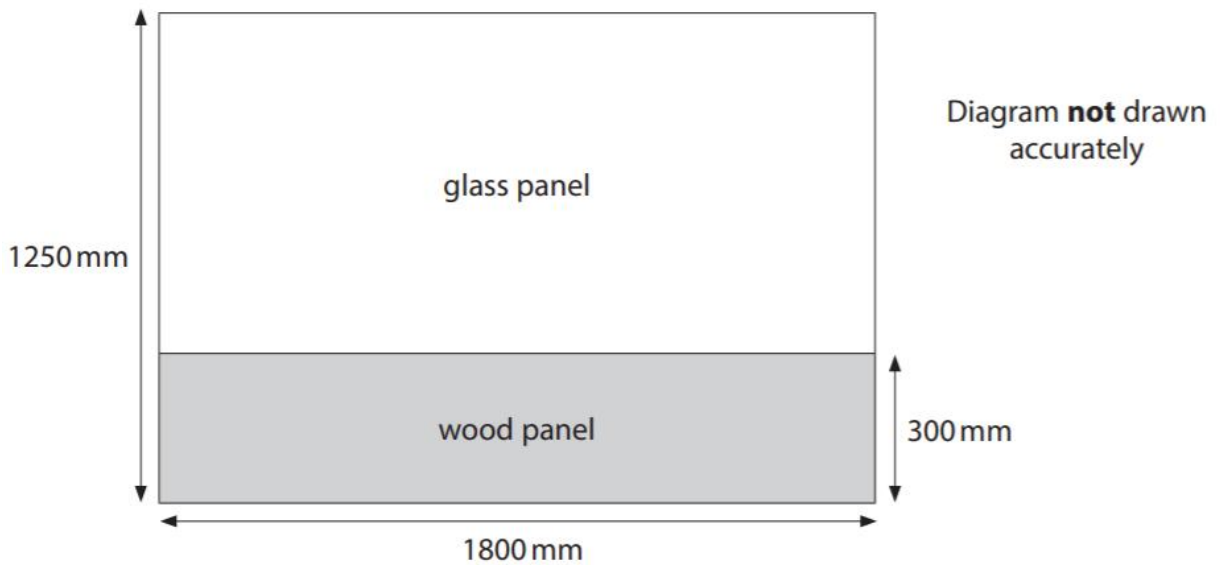


Week 17 Lesson 2- Conversion

- 1) Romesh buys a counter for his shop
In the front of the counter, there is a glass panel.



Romesh wants to put a length of lights around all 4 edges of the glass panel.
He can buy lights of length 4m or 6m or 8m.
Romesh wants to buy the shortest length of lights to go around all 4 edges of the glass panel.

Which length of lights should Romesh buy?

Show why you think this.

(4)

Use the box below to show clearly how you get your answer.

A large, empty rounded rectangular box with a green border, intended for the student to show their work.

2. Ruth grows tomatoes.

FSM01/01 Oct.2017

She expects to get 6kg of tomatoes from one plant.

Ruth uses a recipe to make 5 bowls of soup with 750g of tomatoes.

She works that the tomatoes from one plant would be enough to make a total
of

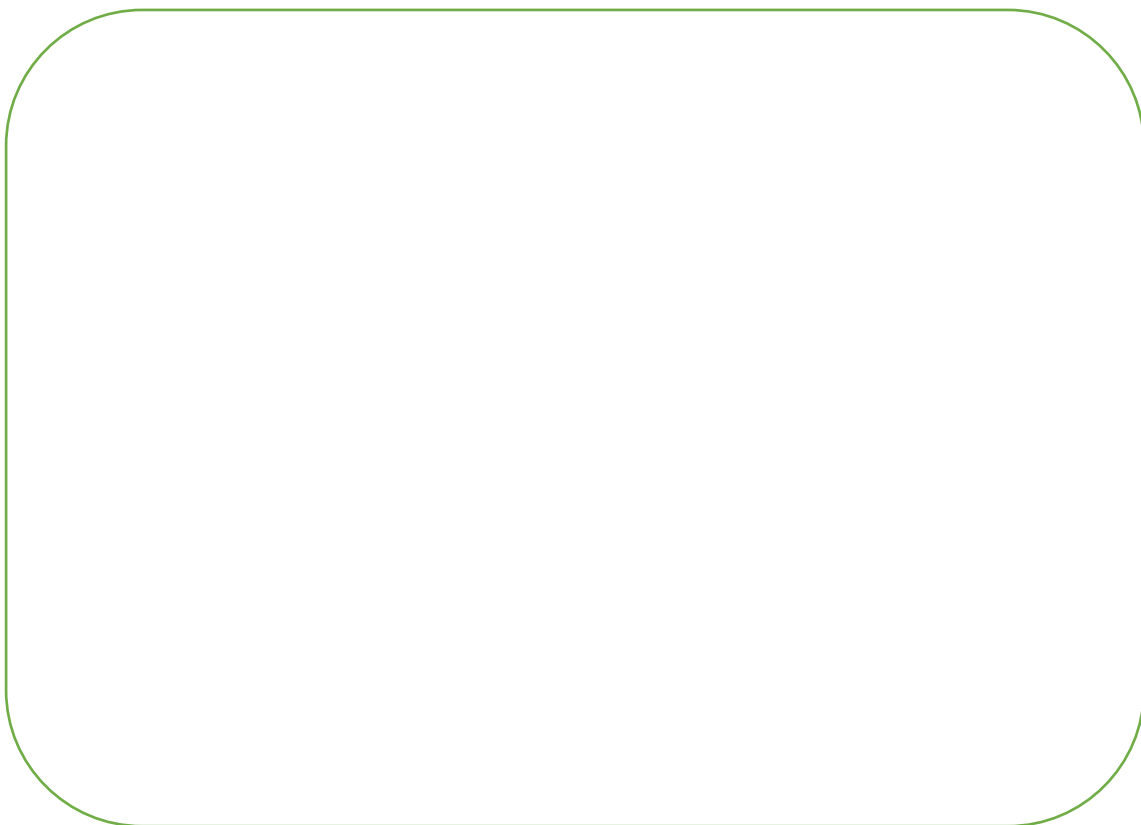
45 bowls of this soup

Is Ruth correct?

Show why you think this.

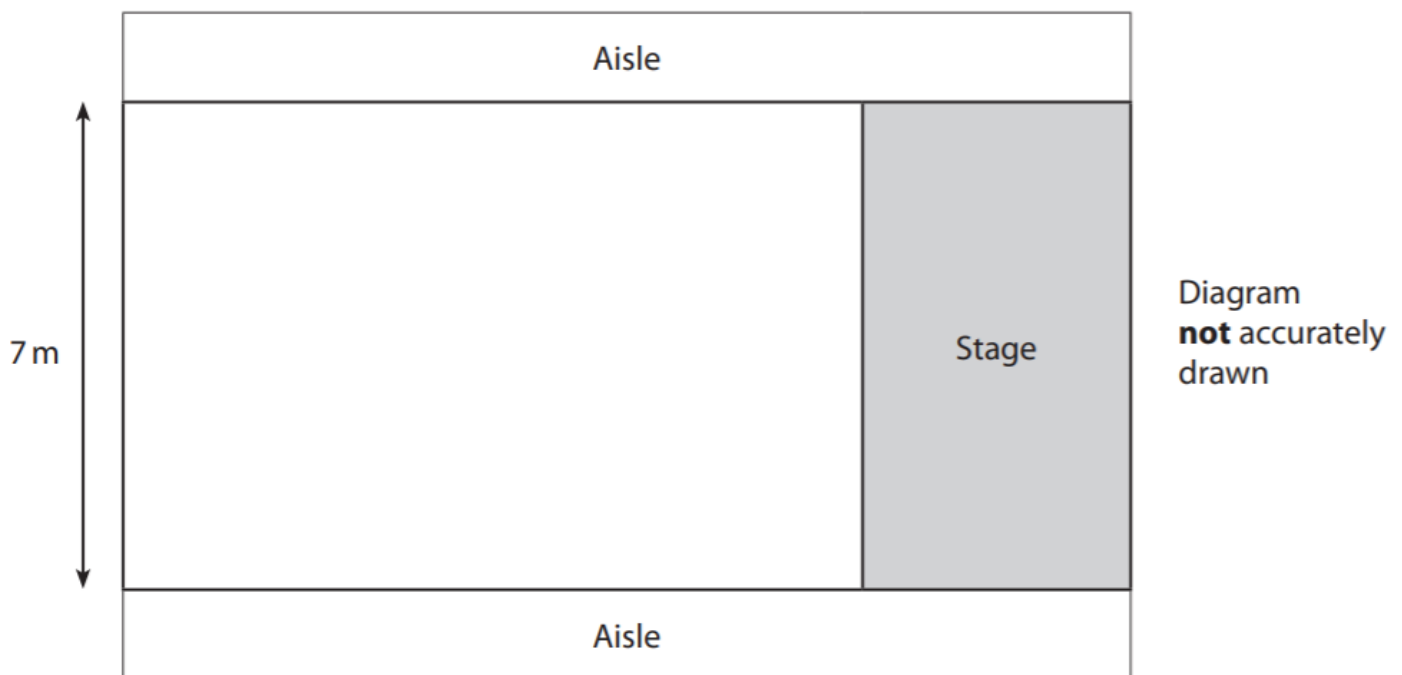
(4)

Use this box below to show clearly how you get your answer.



3. Jessica needs to work out how many seats can fit in the village hall.

She has a diagram of the hall.



Jessica knows they can fit 16 rows of seats in the hall.

Each seat is 500mm wide.

The space between the aisles is 7m

Jessica thinks they can fit 250 seats in the hall.

Is it possible to fit 250 seats in the hall?

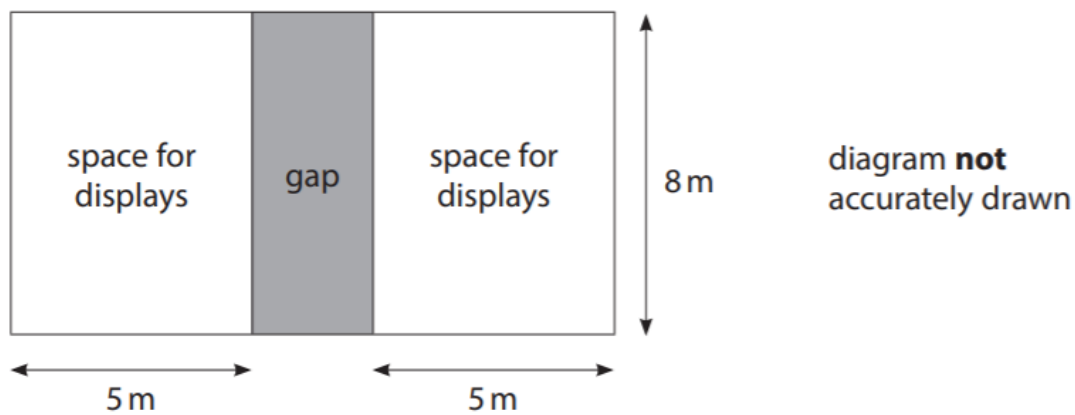
(4)

4. Kay wants to plan the display in a room.

Each display needs a space of 3m^2 .

Kay has a sketch of the room.

All corners are right angles.



Kay thinks there is enough space for at least 25 displays.

Is there enough space for at least 25 displays in the room?

(4)

Use the box below to show clearly how you get your answer.

A large, empty rounded rectangular box with a green border, intended for the student to show their work.