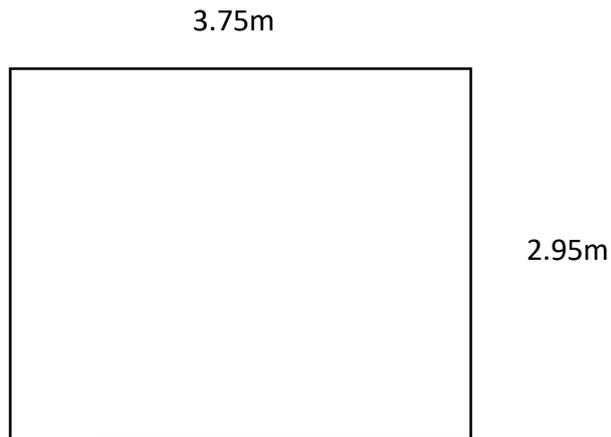


Functional Skills Maths | Level 1 | Decorating a Bedroom

1. This is the layout of a bedroom.

The width of the doorway is 75cm.



You want to lay skirting board along the walls of the room.

How many metres of skirting board would you need to buy?



A large, empty rounded rectangular box intended for the student to write their answer to the question.

2. You see two offers for skirting board in your local DIY store.

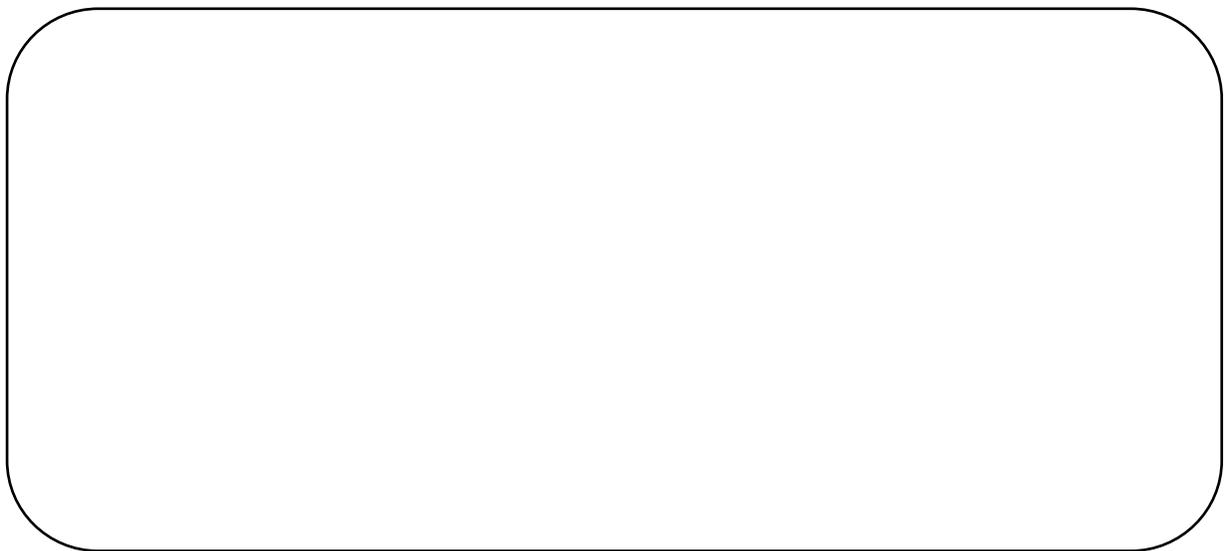
Bielsko Skirting Board 4200mm long £33 per board
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Biala Skirting Board 2400mm long £17 per board
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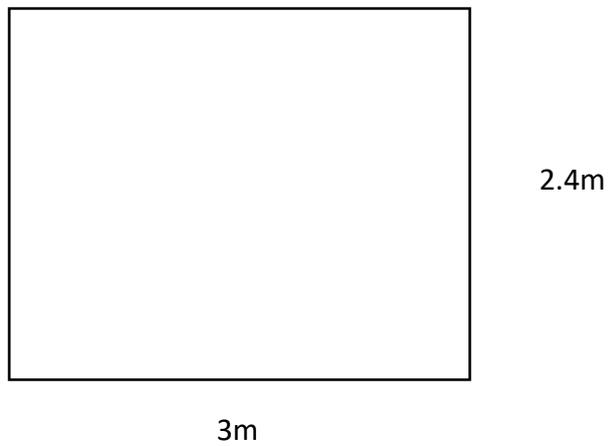
You estimate you need 12.6m of skirting board in total.

You think the Bielsko Skirting Board will save you the most money.

Are you correct? Show why you think this.

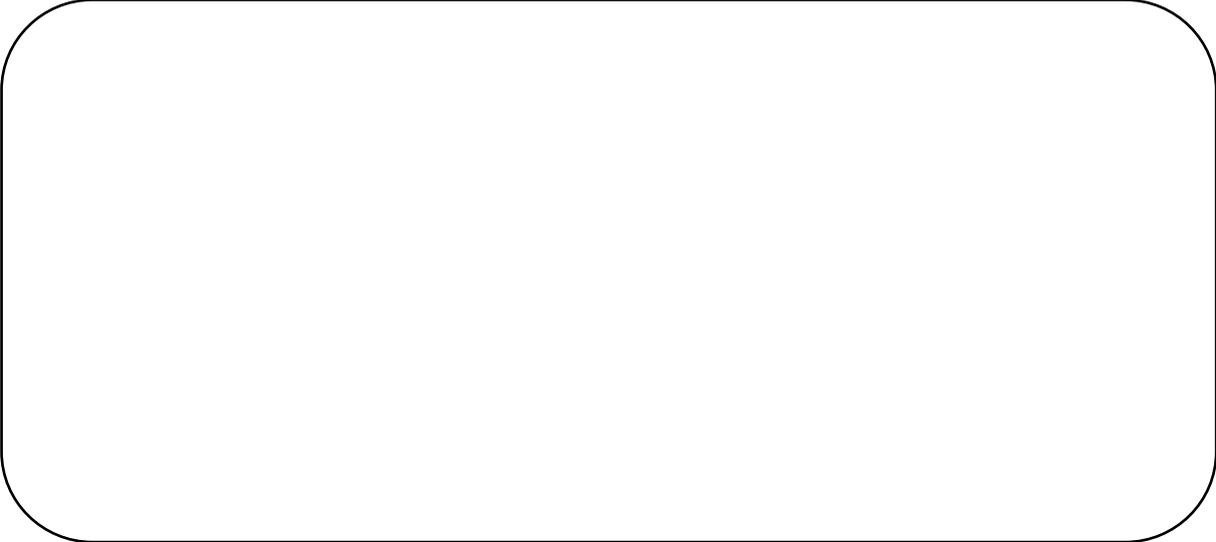


3. You want to create a feature wall with patterned wallpaper.



The wallpaper you are using is 50cm wide and 10.05m long.

How many rolls of wallpaper do you need to buy? You **MUST** show your working.



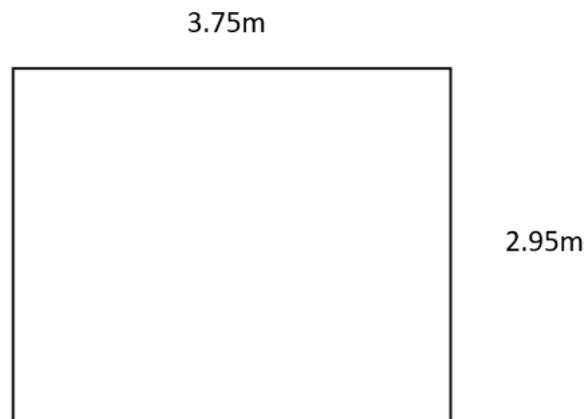
4. You need an electrician to fit two new wall plug sockets in your bedroom.

You receive a breakdown of the cost for this.

Jackie's Electricals
Wall plug socket £16.82 x 2
Call out fee £50.00
Time £17.00 per hour for three hours

How much will the new wall plug sockets and their fitting cost you?

5. You decide to paint the ceiling of the bedroom.

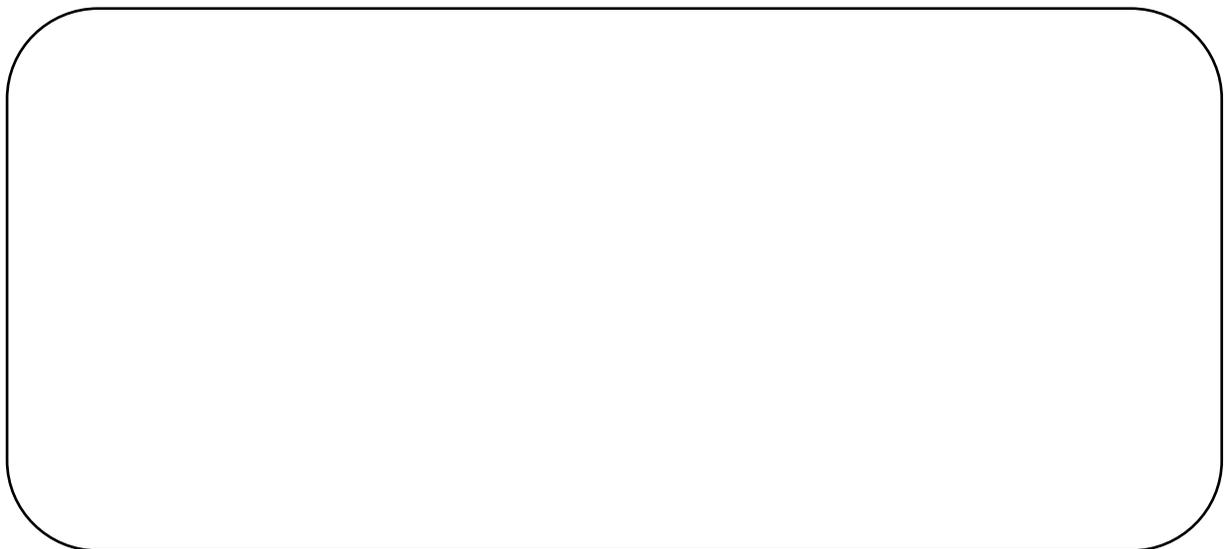


You see the following offer for paint.

White paint £7.50 per 1 litre tin
Buy one get one half price

You know that the ceiling will need two coats of paint and the 1 litre covers 13m^2 .

How much will the paint cost?



6. You are planning the time needed to complete the bedroom.

- Fit new skirting board 4.5 hours
- Electrician 3 hours
- Hanging wallpaper 3.25 hours
- Coat one of ceiling $\frac{3}{4}$ of an hour
- Drying time 90 minutes
- Cost two of ceiling $\frac{3}{4}$ of an hour

How long will it take in total to redecorate the room?

