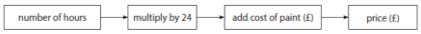
Functional Skills Maths | Lesson Starter Quiz for Construction Learners

1. Trudy is costing a job. She uses this rule to work out the price for this job.



Trudy says

The job will take 3 hours.
The cost of the paint is £16

What is the price for this job?

(1)

2. Joel is buying paint. He sees the following offer:

Special Offer
Undercoat £30
Matt Emulsion £21

Buy both and save 15%

How much will it cost to buy 2 tins of undercoat and matt emulsion?

(1)

3. Ria is mixing mortar for bricklaying. She knows ratio of cement to sand is 1:3.

She has 25kg of cement, how much sand will she need?

(1)

4. Courtney has a number of jobs to do.

Door rehanging – 1 hour 40 minutes
Reseal windows – 1 ¾ hours
Resecure spindle – 25 minutes

How long will these activities take them in total?

(1)

5. Gabriel wants to buy a new door. He measures his doorway and finds it is 6 ½ feet high.

Gabriel knows that approximately

1 foot = 0.3m

How high is the doorway in metres?

(1)

6. Mahmood is hanging lining paper on a series of new builds. He has timed himself doing this.

Time taken (minutes)	54	52	47	51	45	42

What is the mean number of minutes he has taken?

(1)

7. David is a joiner. He is creating a quote for a customer.

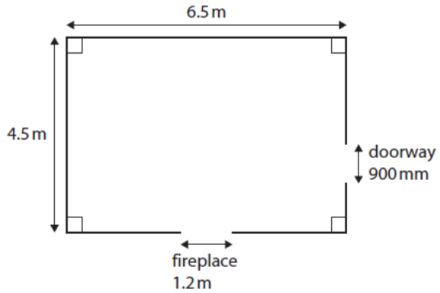
- He knows how much the job will cost the customer.
- He knows he has to add a certain percentage for VAT.

How does he work out how much to charge in total?

(1)

8. Dionne needs to lay skirting boards in a room.
The skirting boards:

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



How many metres of skirting boards will she need?

(1)

9. Use a reverse calculation to check your answer to question 5.

(1)

Total Marks: _____ / 9