

Dave's Redecoration Job

The lockdown was beginning to end and Woodies reopened.



Dave decided to redecorate his room and he needs to do some measurements!



The room is 5 metres long by 10 metres wide (this is the floor area). Every wall is 3 metres high. (Remember: every wall is a rectangle.)

A 1 metre x 2 metre door is on one of the walls and a 2 metre x 2 metre window is on another wall.

Question 1:

What is the area of the floor?

Question 2:

If carpet costs €12 per square metre, how much will it cost Dave to put down carpet in this room?

Question 3:

What is the area of the window?

Question 4:

What is the area of the door?

Question 5:

What is the total surface area of all four walls? *Hint: don't forget to subtract the area of the window and the area of the door!*

Question 6:

Each litre of paint covers 14 square metres. How many litres of paint will he need to buy?

Question 7:

1 litre of paint costs €7.50. How much will the bill be for the paint?

Question 8:

What is Dave's total bill?