

**L.O: To find the perimeter and area of compound shapes and solve money problems. (\*)**

You work for a carpet fitting company and you have some customers have given you floor plans. The rooms need new carpet and skirting board.

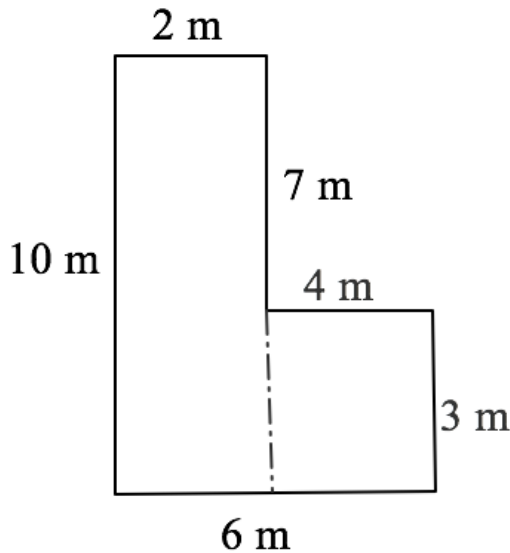
Find the area of the rooms and price up the carpet; find the perimeter and price up the skirting board.

**CHALLENGE:** What's the difference in price between buying a basic carpet and a luxury carpet for each floor plan? And, what's the difference in price between buying a basic skirting board and a luxury skirting board floor plan?

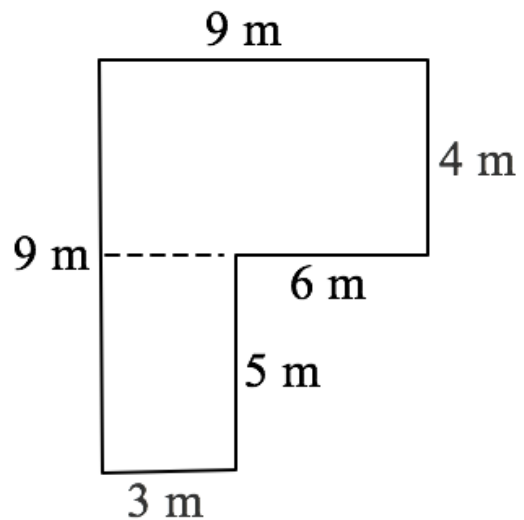
The price of carpet and skirting board is as follows:

Flooring	Cost per m <sup>2</sup>	Flooring	Cost per m
<b>Basic Carpet</b> suitable for low wear and tear	£5	<b>Basic Skirting</b> board suitable for low wear and tear	£3
<b>Luxury Carpet</b> suitable for high wear and tear	£10	<b>Luxury Skirting</b> board suitable for high wear and tear	£4

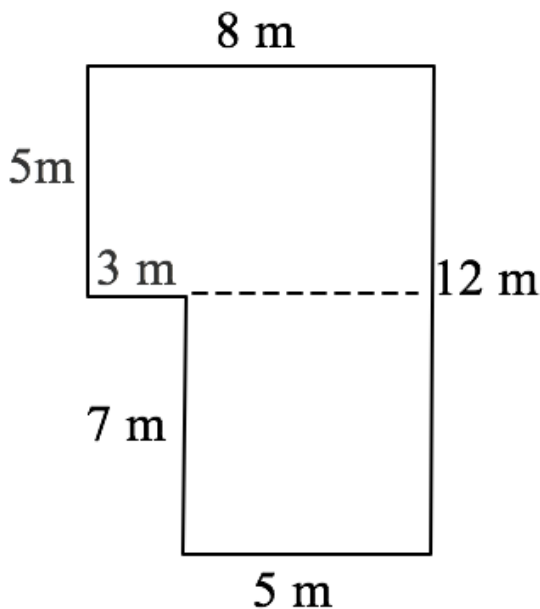
**Mrs. Harris**



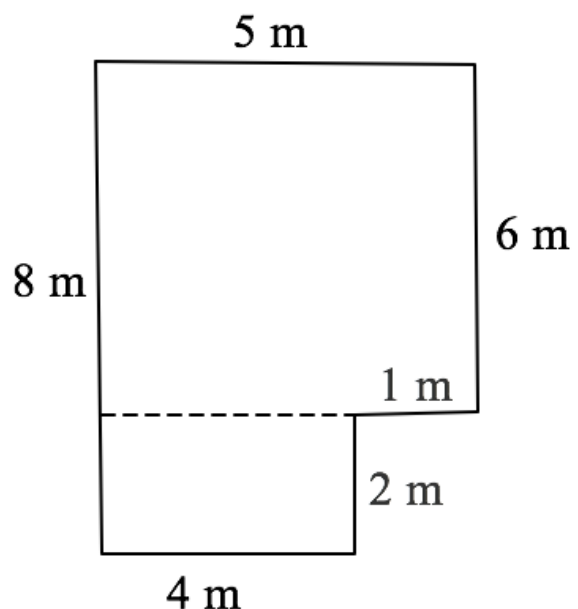
**Mrs. Smithson**



**Mrs. Pounder**



**Mr. Langdon**



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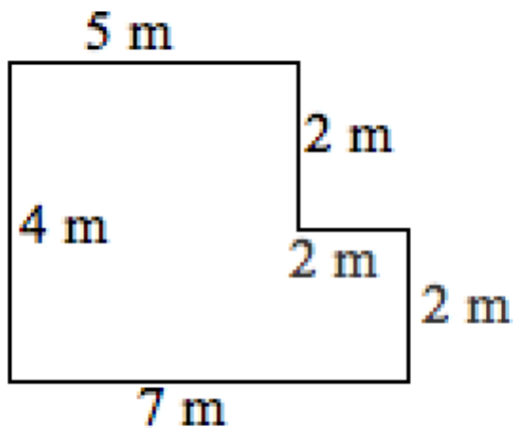
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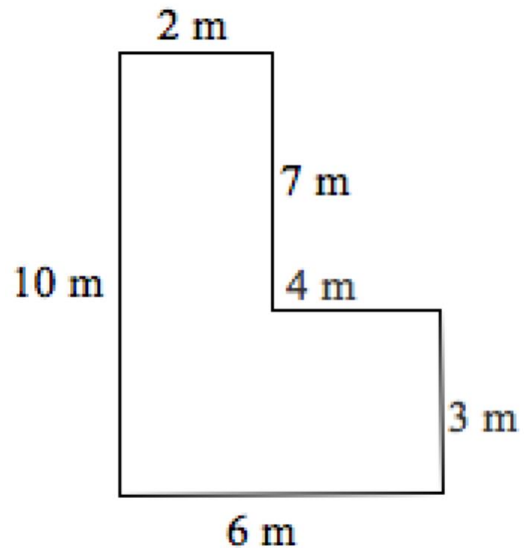
The price of carpet and skirting board is as follows:

Flooring	Cost per m <sup>2</sup>	Flooring	Cost per m
<b>Basic Carpet</b> suitable for low wear and tear	£8	<b>Basic Skirting</b> board suitable for low wear and tear	£4
<b>Luxury Carpet</b> suitable for high wear and tear	£12	<b>Luxury Skirting</b> board suitable for high wear and tear	£9

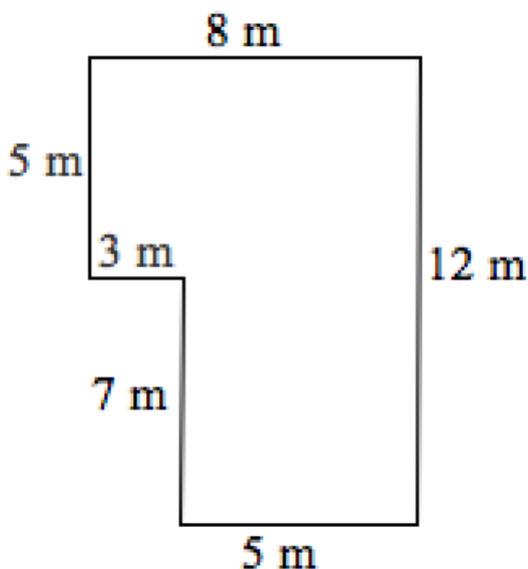
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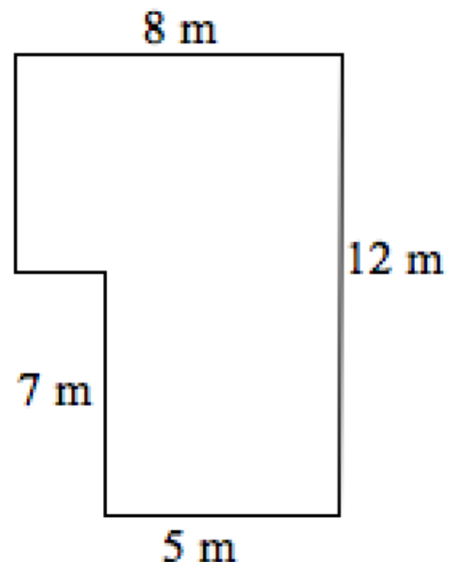
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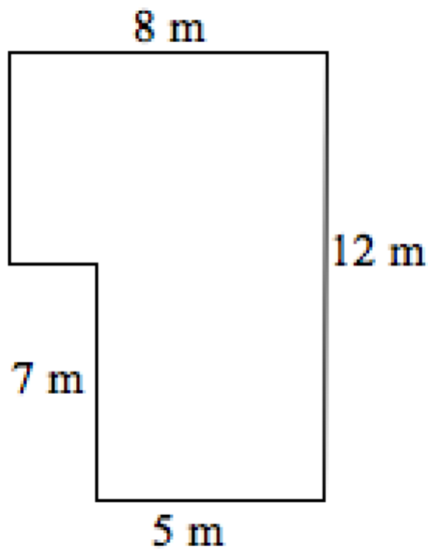
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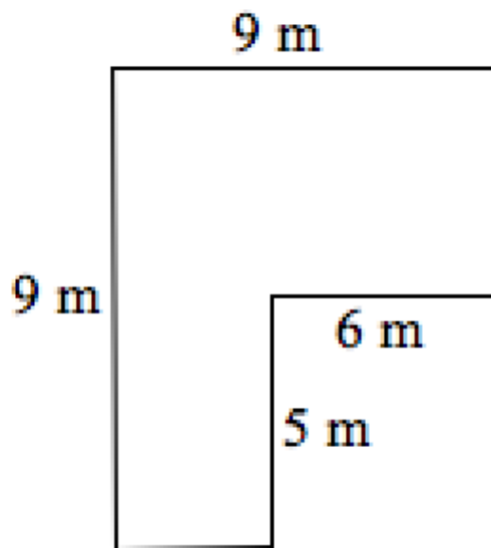
The price of carpet and skirting board is as follows:

Flooring	Cost per m <sup>2</sup>	Flooring	Cost per m
<b>Basic Carpet</b> suitable for low wear and tear	£4.50	<b>Basic Skirting</b> board suitable for low wear and tear	£4.99
<b>Luxury Carpet</b> suitable for high wear and tear	£12.25	<b>Luxury Skirting</b> board suitable for high wear and tear	£9.85

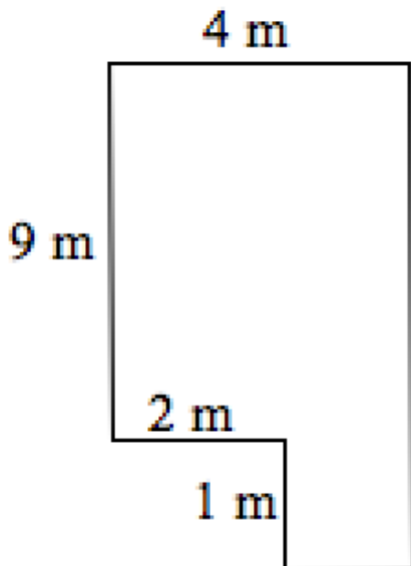
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