

Homework 5

Hand in: _____

Do not use a calculator for questions 1-10. **You must show all your working out.** You may need to look up definitions or ask for some extra help either at home or at school for some of these questions.

1. $5.23 + 1.6 =$	2. $12.3 - 2.45 =$
3. $26 \times 15 =$	4. $85 \div 4 =$

<p>5. What is one eighth of 56?</p>	<p>6. Write the following numbers in ascending order.</p> <p>1.4, 1.045, 0.154</p>
<p>7. Increase 70 by 5%</p>	<p>8. What is the probability of rolling a number greater than 4 on a dice?</p>
<p>9. Ben buys 3 items costing £4.85 altogether. Two of the items cost 85p and £2. How much is the third item?</p>	<p>10. How many months are there in one year?</p>

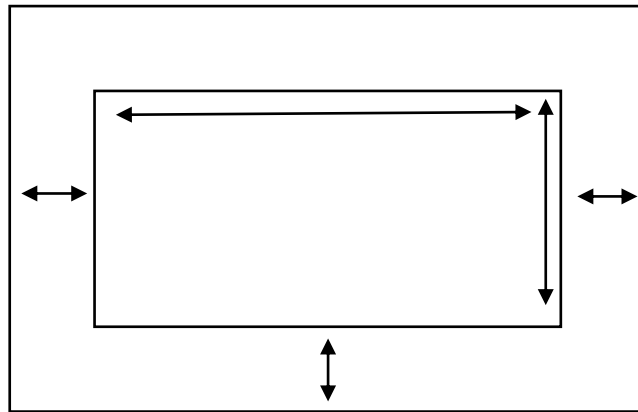
Gold:

Mary needs to replace the floorboards in her bedroom. The room is a rectangle measuring 4.7 metres by 4 metres. Floorboards are 115mm wide, and cost £1 per 30centimetres. How much will Mary need to spend on new floorboards?

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Silver:

Jess is making a frame for a photograph which is 200mm by 150mm. She uses lengths of metal which are 3cm wide to make the frame. Label the diagram on page 23, opposite, to show all the measurements, marked with arrows, using consistent units.



How long, and how wide is the framed picture?

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Bronze:

A bookcase has 4 shelves. Each shelf is 0.99m long. It is filled with paperback books which are all 1.8cm wide.

a) How long is each shelf in centimetres?

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b) How many books are on each shelf?

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c) How many books are in the bookcase altogether?

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