

# Homework 5

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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.  $127 + 56 =$	2.  $157 - 49 =$
3.  $45 \times 6 =$	4.  $448 \div 8 =$

<p>5. Find one eighth of 24.</p>	<p>6. Write the following numbers in order starting with the largest.</p> <p style="text-align: center;">4.13, 5.2, 4.31</p>
<p>7. Increase 60 by 10%</p>	<p>8. What is the probability of rolling number smaller than 3 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:

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

How many books are in the bookcase altogether?

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## Silver:

Andi is ordering pine in lengths of 2.2metres. She is putting up shelves in the spare bedroom.

She wants to put up 3 shelves measuring 95cm, 140cm and 1.25m.

Could Andi make two shelves form one piece of timber?

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How many lengths of pine does she need to order to build all three shelves?

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## **Bronze:**

Jess is using 70cm lengths of ribbon to make bows. She buys 10 metres of ribbon which she needs to cut to the required length.

a) How much ribbon has she bought in centimetres?

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b) How many pieces of ribbon can she cut which are 70cm long?

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c) How many bows can Jess make from 10 metres of ribbon?

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