

# Homework 4

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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. $1.4 + 2.35 =$	2. $6.34 - 2.18 =$
3. $6 \times 79 =$	4. $153 \div 5 =$

<p>5. Find two thirds of 63.</p>	<p>6. Write the following numbers in descending order.</p> <p style="text-align: center;">3.03, 3.3, 0.33</p>
<p>7. Find 35% of 42</p>	<p>8. What is the probability of rolling a 7 on a dice?</p>
<p>9. Ben buys 3 items costing £6.50, 99p and £2.75, he pays with a £20 note. How much change does he receive?</p>	<p>10. Which month is before January in the calendar?</p>

# Gold:

**Special Offer**  
Save 37.5% on all  
items purchased  
today!

Liam buys a shirt and saves 37.5%. This means he gets a discount of £15. How much was the shirt before the discount was applied?

(Hint: Use equivalent fractions and percentages.)

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## Silver:

Mike saves £8 on a coat. This is a reduction of  $12\frac{1}{2}\%$ .

How much did the coat cost before the discount?

(Hint: What is  $12\frac{1}{2}\%$  as a fraction? Draw a bar model.)

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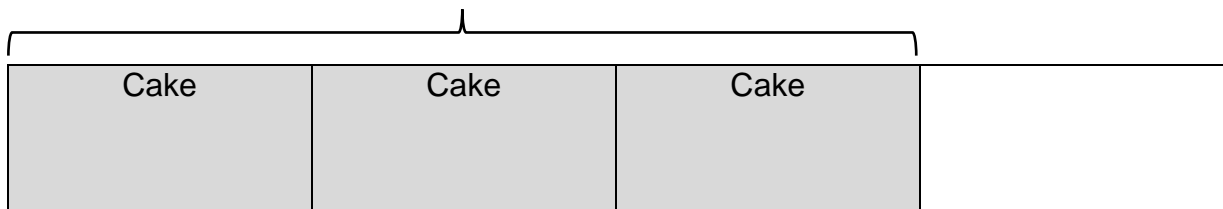
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## Bronze:

Suzy spends  $\frac{3}{4}$  of the money in her purse on a Birthday Cake.

The cake costs £16.80. How much did Suzy have in her purse before she bought the cake?



Complete the bar model to help you.

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