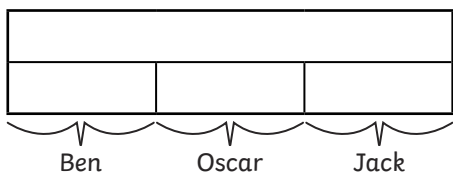
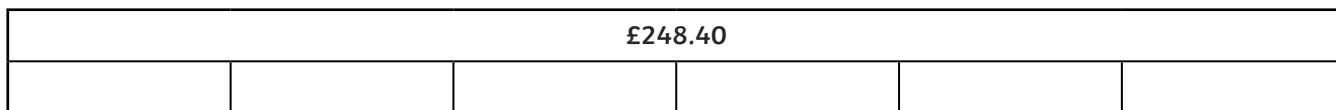




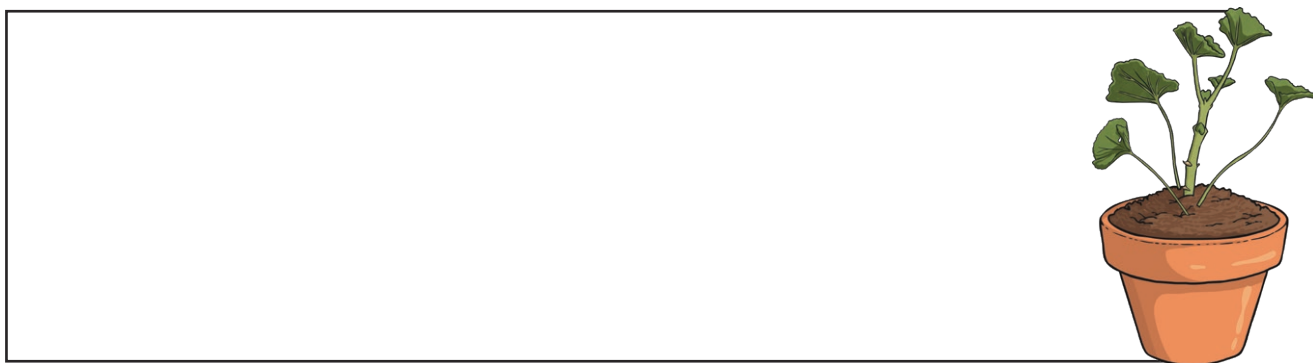
- 1) Ben, Oscar and Jack put their money together to buy some tickets in the school charity raffle. The total prize money of £248.40 is split equally between six winning tickets. The three friends find that they have bought two of the lucky winning tickets and so they split the prize money equally between themselves. How much will each friend receive? Use the bar models to help you solve the problem.



- 2) I buy three bottles of Twinkl-Tastic drink with a total cost of £2.28. I also buy five bottles of Twinkl-Tasty totalling £4.80.

What is the difference in price between one bottle of Twinkl-Tastic and one bottle of Twinkl-Tasty? Can you use bar models to help you?

- 3) A teacher is growing plants with her class. She buys 18kg of compost. She puts 13.76kg of compost equally into 8 large plant pots. She then shares the remaining compost equally between 4 small plant pots. How much compost will there be in each type of plant pot?



- 4) Bailey thinks of a number. He multiplies it by 7. He gets the answer 26.18. What was Bailey's number?

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- 1) These division statements all show the correct answer to $252 \div 8$. True or false? Explain your answer.

- a) $252 \div 8 = 31.5$
b) $252 \div 8 = 31r4$
c) $252 \div 8 = \frac{1}{4}$

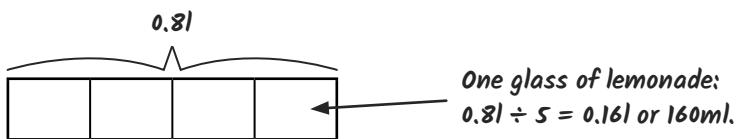
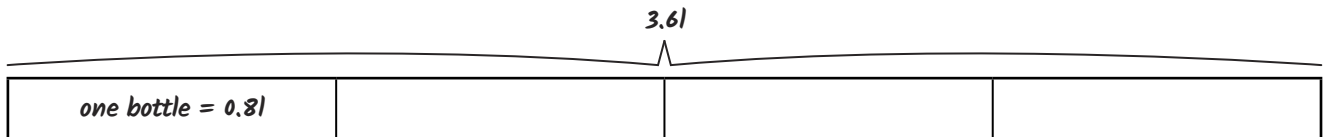


- 2) Jack is solving the problem given below:

Emily buys a total of 3.6l of lemonade in four bottles. She pours one bottle out into glasses to share equally between her five friends and herself. How much lemonade will there be in each glass?



Jack decides to use bar models to help him solve the problem:



Look carefully at Jack's bar models and answers. Explain what he has done wrong and give any corrections that need to be made.



- 1) Each of these sets of calculations has the same number missing from each box. Look at the statements given to help you decide which number is missing.

<p>a)</p> $55.2 \div \square = \underline{\hspace{2cm}}$ $31.2 \div \square = \underline{\hspace{2cm}}$ $23.7 \div \square = \underline{\hspace{2cm}}$	<p>The difference between the greatest and the smallest answer in this group of calculations is 10.5.</p>	<p>b)</p> $100.8 \div \square = \underline{\hspace{2cm}}$ $100.8 - \square = \underline{\hspace{2cm}}$ $100.8 + \square = \underline{\hspace{2cm}}$	<p>The difference between the greatest and the smallest answer in this group of calculations is 90.</p>
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- 2) Use three of the numbers on the digit cards shown below to complete each of these division calculations. A digit card can only be used once in each calculation.

a) $\square \square \div \square = 1.2$

b) $\square \square \div \square = 1.4$

c) $\square \square \div \square = 0.95$



- 3) Now use four of numbers on the digit cards shown below to complete this missing number calculation. Show at least five different examples. A digit card can only be used once in each calculation.



$$\square \square \square \div \square = \underline{\hspace{2cm}}$$