


Solve these word problems using all four operations, thinking carefully about how to show your thinking and represent your reasoning. What methods (procedures) do you need to use to answer them?

Which information in the word problem is relevant to solving it? How do you know? Sort out the relevant and irrelevant information into two columns on a separate piece of paper.

1) Charlie is going to the cinema to watch a film. The film starts at 4pm. He takes 3 friends and his dad with him. They travel by car. Each child ticket costs £4.75. Each adult ticket costs £6.00. How much are the tickets altogether?

2) A small bucket of popcorn costs £2.25 and a large one costs £3.25. A small drink costs £1.25 and a large one costs £1.75. A small combo costs £3.00. A large combo costs £4.25. A chocolate bar costs 90p. Dad buys a small drink. Charlie and his friends each have a small combo. How much do they spend altogether?



Mr Cakebread was a baker. He loved making cakes and baking bread for his customers. However, working out how many to make was not something he found easy – can you help him with these problems?


3a) Mr Cakebread made 346 loaves of bread and sold 227 of them. How many did he have left?

3b) He then had a phone call asking for 221 more loaves. How many more did he need to bake to make sure he didn't waste any loaves?


4a) Mr Cakebread also sold flour in three different sizes of bag – 1kg, 2kg and 5kg bags. He had fifteen 1kg bags, twelve 2kg bags and eight 5kg bags. How many kg of flour did Mr Cakebread have in his shop?

4b) If Mr Cakebread needed to sell 42kg of flour to one person, how many different combinations could he find to do that?


5) How many different ways can 500g be made using 1g, 2g, 5g, 10g and 20g weights?



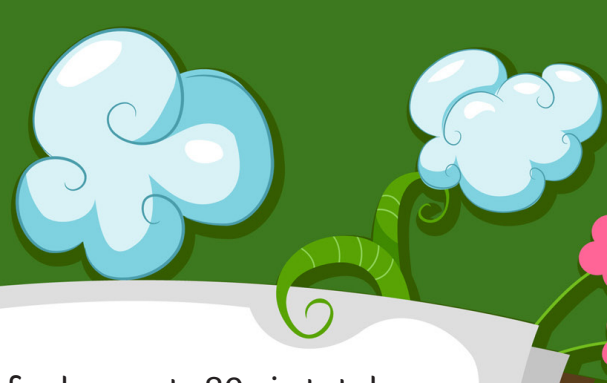
6) Mr Cakebread had 225g of flour left. He needs 500g to make a small loaf of bread. How much more flour does he need to make the loaf?



7a) Mr Cakebread gets an order for his speciality cherry muffins. He is asked for 85. He bakes them and then puts them in boxes. Each box holds 4 cakes. How many boxes will Mr Cakebread need?



7b) One more urgent phone call later, he needs to bake another 120 boxes' worth. How many cakes will he need to make now? How many does that mean he will have made altogether?



7c) Each box of cakes costs 80p in total. How much does one cake cost? How much will all the cakes made cost in total? How many different ways can 80p be made using different coins?



THE END

