



Adding Money



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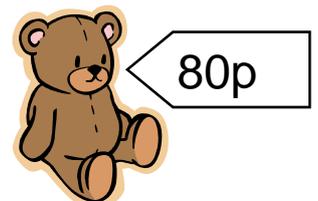
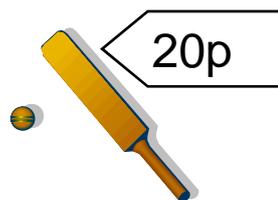
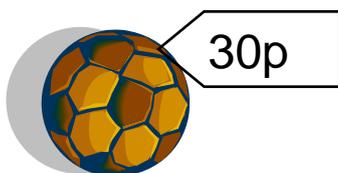
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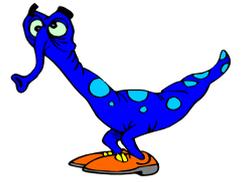
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Addition



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10. $£4.81 + £5.16$

Challenge: How many words can you think of that mean 'add'?

WALT– Solve 2 step money word problems



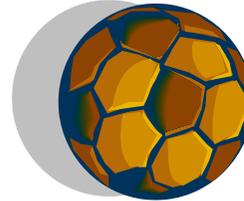
£1.67



£0.67



£2.69



£3.01



£0.72

1. How much change would you get from £5 if you bought some **flowers** and some **sweets**?
2. How much change would you get from £5 if you bought some **socks** and a **football**?
3. How much change would you get from £5 if you bought a **scarf** and some **sweets**?
4. How much change would you get from £5 if you bought some **flowers** and some **socks**?
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7. How much change would you get from £5 if you bought a **scarf** and a **football**?

Addition and Subtraction 4-Digit Worded Calculations

LO: I can use the correct calculation to solve problems.

1. What number is three thousand and six more than four thousand, six hundred and ninety-five?
2. Subtract 6725 from 8053.
3. What number is four thousand, three hundred and forty more than five thousand and seventy-six?
4. Calculate the difference between three thousand, two hundred and twelve, and two thousand and forty-six.
5. Add £23.71 to £78.46.
6. What number is 5002 less than 7001?
7. Increase £76.83 by £22.71.
8. What number is the sum of six thousand and sixty and two thousand, four hundred and thirteen?
9. Decrease 2973 by 628.
10. What is added to £45.62 to make £87.00?
11. What number is four thousand, six hundred and twelve minus nine hundred and sixty?
12. Take £6712 from £8000.
13. If I increase a number by 2097 and get 4651, what number did I start with?
14. Add together 5892 and 3015, then subtract 6719.
15. How much smaller is 4237 than 5138?

Challenge

Using the digits 1-8, how many different ways can the digits be arranged to make 2 numbers whose sum is 9999?

Addition and Subtraction 4-Digit Worded Calculations: Answers

question	answer	
1	$4695 + 3006 = \mathbf{7701}$	
2	$8053 - 6725 = \mathbf{1328}$	
3	$5076 - 4340 = \mathbf{9416}$	
4	$3212 - 2046 = \mathbf{1166}$	
5	$£78.46 + £23.71 = \mathbf{£102.17}$	
6	$7001 - 5002 = \mathbf{1999}$	
7	$£76.83 + £22.71 = \mathbf{£99.54}$	
8	$6060 + 413 = \mathbf{6473}$	
9	$2973 - 628 = \mathbf{2345}$	
10	$£87.00 - £45.62 = \mathbf{£41.38}$	
11	$4612 - 960 = \mathbf{3652}$	
12	$£8000 - £6712 = \mathbf{£1288}$	
13	$4651 - 2097 = \mathbf{2554}$	
14	$8907 - 6719 = \mathbf{2188}$	
15	$5138 - 4237 = \mathbf{901}$	
Challenge.		
	$1234 + 8765 = 9999$	$3124 + 6875 = 9999$
	$1243 + 8756 = 9999$	$3142 + 6857 = 9999$
	$1324 + 8675 = 9999$	$3214 + 6785 = 9999$
	$1342 + 8657 = 9999$	$3241 + 6758 = 9999$
	$1423 + 8576 = 9999$	$3412 + 6587 = 9999$
	$1432 + 8567 = 9999$	$3421 + 6578 = 9999$
	$2134 + 7865 = 9999$	$4123 + 5876 = 9999$
	$2143 + 7856 = 9999$	$4132 + 5867 = 9999$
	$2314 + 7685 = 9999$	$4213 + 5786 = 9999$
	$2341 + 7658 = 9999$	$4231 + 5768 = 9999$
	$2413 + 7586 = 9999$	$4312 + 5687 = 9999$
	$2431 + 7568 = 9999$	$4321 + 5678 = 9999$

Money Problems

1. I buy a pen for £1.70 and a notepad for £3.20. How much have I spent altogether?

2. I buy three cakes for £1.86 each. How much have I spent altogether?

3. I bought one bike for £39.98 and one scooter for £9.78. How much have I spent altogether?

4. I bought two pairs of socks at £2.21 each and three bunches of flowers priced £4.70 each. How much have I spent altogether?

5. I bought two jumpers priced at £15.60 each and four lollipops for 30p each. How much have I spent altogether?

6. Sam and three of his friends bought a drink each for £1.75. How much did they spend in total?

7. I bought one jumper for £13.00, one pair of shoes for £24.39 and a bag for £12.50. How much did I spend altogether?

Money Problems

1. John bought 3 brownies at a bake sale. If each brownie cost £0.25 and he paid with a twenty pound note, how much change does he get?

2. Jenny bought 4 cans of pop at the shop. If each can cost her £1.60 and she paid with a twenty pound note, how much change does she get back?

3. Harry bought 4 bunches of bananas at the greengrocers. Each bunch cost £0.79. How much change would he get if he paid with a twenty pound note?

4. Julia got given a gift card for her birthday with £20 of store credit. She bought a dress that cost £16.67 using the gift card. How much money does she have left on the gift card?

5. Paul bought a book from the book shop. If it cost £6.23, how much change would Paul get back if he paid with a twenty pound note?

6. Helen bought an ornament from a gift shop. It cost £19.67. How much change will Helen receive if she paid with a twenty pound note?

7. Annie bought 4 chocolate bars to give to her friends. Each one cost £1.43. How much change will she receive if she pays with a twenty pound note?

Money Problems Answers

★★

1. £4.90
2. £5.58
3. £49.76
4. £18.52
5. £32.40
6. £7.00
7. £49.89

★★★

1. £19.25
2. £13.60
3. £16.84
4. £3.33
5. £13.77
6. £0.33
7. £14.28

L.O. To solve word problems involving decimals
(You may need to add or subtract)

- 1) Peter cuts a piece of string into 2 lengths. One is 4.2cm long, one is 3.5cm long. How long was the string before it was cut?
- 2) Mary joins 2 lengths of wood together. One is 17.4cm long, the other one is 2.2cm long. How long is that altogether?
- 3) Mrs. Warburton weighs her suitcases ready for her holidays. It weighs 7.3kg. She takes out shoes that weigh 2.6kg. How heavy is her suitcase now?
- 4) I have 2 bags of sweets. One weighs 64.1g; one weighs 8.9g. How much do they weigh altogether?
- 5) Riise collected 45.6ml of rain on Sunday. 6.7ml of water evaporated overnight. How much rain was left in the beaker on Monday?
- 6) Sarah has 2 friends. Lauren is 1.40m tall and Sophie is 1.50m tall. If they both stood on top of each other how high would they be?
- 7) Mrs. Warburton weighed 63.9kg after Christmas. She went on a diet and lost 4.2kg. How much does she weigh now?
- 8) In a school one corridor is 11m long, another is 14.3m long. What is the sum of all their lengths?
- 9) Allan runs 7.6km on Monday and 6.5km on Tuesday. Find the total of his runs.
- 10) In a gymnastics competition Lizzie scored 12.6 points on vault. Jaspreet scored 2.5 points fewer than Lizzie. What is Jaspreet's score?



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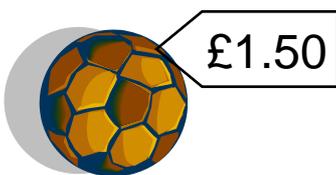
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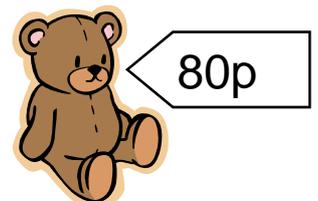
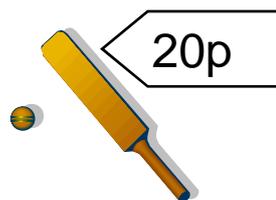
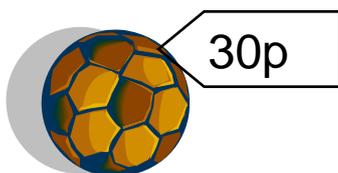
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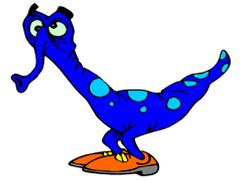
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Challenge: How many words can you think of that mean 'add'?

LO: To use multiplication to solve word problems



- 1) Cut out the question and stick it into your book.
- 2) Answer the question showing your working out.



1) Tennis balls come in packs of four. Mum bought 6 packs. How many tennis balls have we got?

2) Balloons come in packs of ten. If the teachers buy 7 packets, will there be enough for 65 children to have a balloon each?

3) Pencils in our classroom are kept in pots, six to a pot. We have 5 pots. How many pencils are there altogether?

4) My cake recipe says I need to use three eggs. I have to make a cake three times bigger than the one in the recipe. How many eggs will I need to buy?

5) The recipe says I need 125ml of milk. I am making double the amount. How much milk do I need?

6) Cakes are in packs of five and I have bought six packs. How many children can have a cake?

7) I need 50cm of material to make a curtain. I need to make 4 of them. How much material do I need to buy?

8) I need 150g butter to make one cake. How much butter will I need to make 4 cakes for the school fete?

9) It takes 3 minutes to soft boil an egg. It takes 3 times as long to hard-boil one. How long is that?

10) I take 30 seconds to swim 1 length of the pool. How long will it take to swim 6 lengths?

LO: To use multiplication to solve word problems



- 3) Cut out the question and stick it into your book.
- 4) Answer the question showing your working out.



1) I am making school skipping ropes, which are 2 metres long. I need to make 35 ropes. How much rope do I need to buy?

2) I take 30 seconds to swim 1 length of the pool. How long will it take to swim 6 lengths?

3) Juice cartons come in packs of 5. I have 15 packs. How many cartons of juice is that?

4) Juice cartons come in packs of three. I have bought seven packs. Do I have enough for the 23 children coming to the party to have one each?

5) There are 12 eggs in a box. How many eggs in 9 boxes?

6) I need 200ml of orange squash to make up 1litre of drink. I need to make 5 litres. How much squash do I need?

7) A beetle has 7 legs. How many legs have 8 beetles?

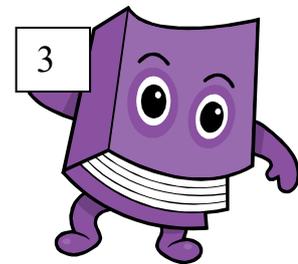
8) On Monday, I took 20 minutes to do my homework. It took my brother 3 times as long. How long did it take him?

9) These are the ingredients for making 18 little cakes.

- 125g butter
- 110g sugar
- 2 eggs
- 110g plain flour
- 5ml baking powder
- 5ml grated orange rind
- 15ml orange juice

I need to make enough for 36 people (Think doubles). How much of each ingredient do I need?

LO: To use multiplication to solve word problems



- 1) Cut out the question and stick it into your book.
- 2) Answer the question showing your working out.



1) Pencils come in boxes of eight. How many pencils are there in 6 boxes?
2) Juice cartons come in packs of 5. I have 19 packs. How many cartons of juice is that?
3) Chocolate bars come in boxes of 30. A shopkeeper buys 15 boxes. How many chocolate bars is that?
4) My dad borrowed money to buy a house. Each month he pays the bank £650. How much will he have paid the bank after 10 years?
5) I think of a number, then divide it by 15. The answer is 20. What was my number?
6) Tins of soup come in boxes of 30. A shopkeeper needs to restock so that he has 500 tins. He buys 15 boxes. Has he bought enough?
7) A recipe for 8 people says I need 100g sugar. I want to make it for 16 people. How much sugar will I need?

These questions require more than one-step to find the answer. They might need addition, subtraction and multiplication sums.

8) Some crocus bulbs cost either £1.80 for 10 or £4.20 for 20. Which is the best buy?
9) I think of a number, subtract 17 and divide by 6. The answer is 20. What was my number?
10) There are 5 stacks of plates. 3 stacks have 15 plates. 2 stacks have 5 plates. How many plates altogether?

Extension Task: Write your own 'word problem' to test a partner.