WORD PROBLEM MATHS
SILVER BOOKLET

RocketLearn
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Mathematics – Session 1. Multi Step Addition

Target: To solve one and two step addition problems

Key information to help you answer today's questions:

Broadcast weblink:

Watch the broadcast to help you with this work – and play the daily Kahoot challenge!

www.rocketlearn.co.uk/wordproblems

When you are faced with a word problem, the important thing is to be able to pick out the key information so that you set out and answer the correct sum.

For example: A Post Office sells 447 1st class stamps and 323 second class stamps. How many stamps are sold altogether?

As you are being asked 'how many altogether' – this is an addition sum:

```
  4 4 7
+ 3 2 3
_ _ _ _ _
  7 7 0
_ _ _ _ _
      1
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Getting started...

-1- A farmer has 167 brown cows and 193 black and white cows. How many cows does she have?

-2- A tin has 94 biscuits and another has 48. How many biscuits are there in total?

-3- Scarlett has read 486 pages of her book and she has another 179 to go. How many pages are in the book ?

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In the zone...

-4- Seventy-four children come to school by car, 213 walk and 75 make the journey in other ways. How many children come to school?

-5- In the election 16,241 people voted for the winning candidate and 13,426 for the losing candidate. How many people voted?

-6- Each week, A supermarket sells 1350 bottles of blue top milk, 1548 bottle of blue green top milk and 435 bottles of red top milk. How many bottles of milk does the supermarket sell in a week?
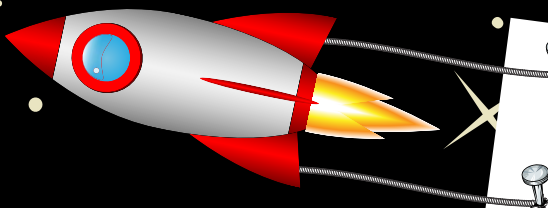
Genius level..

-7- Rob had £7357 in his bank account. He won £250 in a crossword competition. Then he received his monthly salary of £3250. How much money does Rob now have?
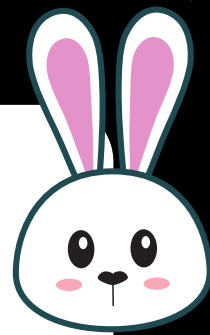
-8- There are 260 children and 87 fewer adults. How many people are in the cinema altogether? (This is more difficult than it looks – so think carefully about what you are being asked!)

Well done! You have completed all the maths for Day 1! Make sure that you:

- Mark your work. A kind grown-up may do this for you! The answers are in the grown-up's booklet. Also, have a go at today's Kahoot! quiz.

Mathematics – Day 2. Multi Step Subtraction

Target: To solve one and two step subtraction problems

Key information to help you answer today's questions:

Broadcast weblink:

Watch the broadcast to help you with this work - and play the daily Kahoot challenge!

www.rocketlearn.co.uk/wordproblems

When you are faced with a word problem, the important thing is to be able to pick out the key information so that you set out and answer the correct sum.

You can always spot subtraction questions because they will have phrases like "what is the difference' or 'how many more / less than' that encourage you to subtract the smaller number from a larger number.

For example: A Post Office sells 447 1st class stamps and 323 second class stamps. How many more 1st class stamps are sold than 2nd class stamps?

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  4 4 7
 -3 2 3
 _____
  1 2 4
 _____
```
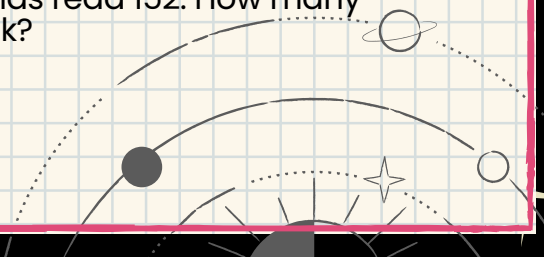
Getting started.

-1- A farmer has 167 brown cows and 193 black and white cows. How many more black and white cows does she have?

-2- A tin has 94 chocolate biscuits and another tin has 48 rich tea biscuits. How many more chocolate biscuits are there?

-3- There are 834 pages in Stanley's book and he has read 152. How many more pages does he need to read to finish the book?

In the zone...

-4- 74 children come to school by car, 213 walk and 75 make the journey in other ways. How many more children walk to school than make the journey in other ways?

-5- In an election 32,736 people vote. 14,485 vote for the winner and 13,726 for the candidate in second place. How many people voted for the only other candidate?

-6- A supermarket has 1350 bottles of milk for sale. There are 169 more green top than red top bottles. 465 of the bottles are red top. How many blue top bottles are for sale?

Genius level...

-7- Ellie has 739 stamps in two albums. 294 are in her blue album and she has 158 British stamps in her red album. How stamps from other countries are in her red album?

-8- Andrew has £8376 in his bank account. In the next month, he takes out £4595 to buy a new car along with a further £306 for insurance. His salary of £2649 is then paid in. How much money is in his account at the end of the month?

Well done! You have completed all the maths for Day 2! Make sure that you:

• Mark your work. A kind grown-up may do this for you! The answers are in the grown-up's booklet...

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Mathematics – Session 3. Multi Step Multiplication & Division

Target: To solve one and two step word problems that involve multiplication and division

Key information to help you answer today's questions:

Broadcast weblink:

Watch the broadcast to help you with this work - and play the daily Kahoot challenge!

www.rocketlearn.co.uk/wordproblems

Example: Scout REALLY loves his tennis balls! He has four boxes of four tennis balls and 13 other loose balls. How many balls does he have in total?

Answer:

4 x 4 = 16
16+ 13 = 29. Scout has 29 balls altogether.

Getting started...

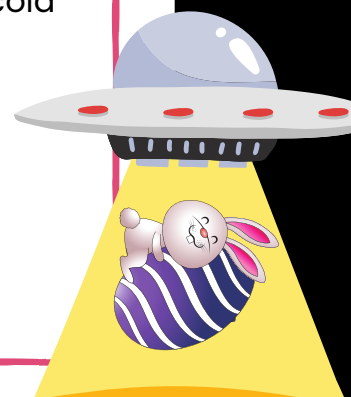-1- There are six footballs in each box. How many boxes are needed to store 48 footballs?

-2- Carly has 80 smarties and eats 18 herself. She shares the rest with two friends. How many smarties does each friend have?

-3- Sweets cost 8p. Dexter buys nine. How much change does he get from £1?

In the zone...

-4- Leila buys a new computer and two monitors for £819. The computer costs £639. How much does each monitor cost?

-5- There are 750ml of cola in each bottle. There are 24 bottles in each crate. How many ml of cola is there in each full crate?

Mathematics – Session 3. Multi Step Multiplication & Division

-6- Harry buys five apples and one banana. Apples cost 25p. He pays £2 and receives 45p change. How much does the banana cost?

-7- A school orders 240 pencil sharpeners. Two fifths are given out straight away. How many are left in stock?

-8- One can of soup holds 400g. How many cans are needed for 60kg of soup?

-9- Two parcels have a combined weight of 4.6kg. The larger parcel weighs 0.8kg more than the smaller one. What is the weight of each parcel?

Well done! You have completed all the maths for Session 3! Make sure that you:

- Mark your work. A kind grown-up may do this for you! The answers are in the grown-up's booklet...

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Mathematics – Session 4. Multi Step Word Problems

Target: To solve two step word problems involving all four operations

Getting started...

-1- A quarter of the 32 chocolates in a box have been eaten. The rest are shared equally by three friends. How many of the remaining chocolates does each friend have?

-2- There are fifteen more people on the upper deck of a boat than on the lower deck. There are 33 people on the lower deck. How many people are on the boat altogether?

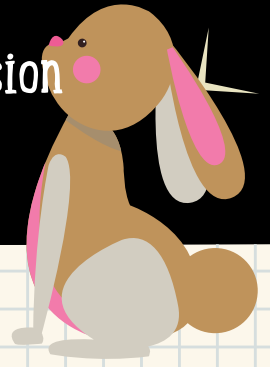-3- How many seconds are there in 6 hours?

In the zone...

-4- A farm shop sells five boxes of 12 eggs and eight boxes of six eggs. How many eggs are sold altogether?

-5- Cheese costs £12.00 per kilogram. Dave buys 300 g. How much does he pay?

-6- On Friday, 120 people attend the disco. On Saturday, the number of people attending increases by one third. How many people in total attend the disco on both days altogether?

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-7- There are 84 children in Year 6. One twelfth are absent. 28 are on a school trip. How many Year 6 children are in school?

-8- Jasmine buys a drone. She pays one quarter of the price as a deposit. She still has £78 to pay. How much does the drone cost?

-9- Desmond and Stuart both earn £640. Desmond saves £150. Stuart saves three eighths of his earnings. How much more does Stuart save?

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Well done! You have completed all the maths for Session 4! Make sure that you:

- Mark your work. A kind grown-up may do this for you!

Mathematics – Session 5. Round up and online quiz

Broadcast weblink:

Watch the broadcast to help you with this work - and play the daily Kahoot challenge!

www.rocketlearn.co.uk/wordproblems

We'll be recapping everything that you have learned this week. Once the lesson broadcast is complete, use the link or QR code above to access and complete the end of unit quiz!

... score 10-14 and we will email you a bronze certificate

... score 15-17 and it will be silver

... and 18-20 and you'll receive a gold one!

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