



Year 6

Maths

Friday 12th June



Lesson Aims

- I can solve problems involving the different operations.

Success Criteria:

- I read the problem carefully.
- I underline the main information in the problem.
- I solve the calculations step by step.
- I write the final answer.



Fluency Starter

Maths Vocabulary

You have 2 minutes to write down all the different words you can think of for the 4 operations.



Fluency Starter Answer

addition

- add
- more
- plus
- make
- sum
- total
- altogether



subtraction

- subtract
- minus
- leave
- less
- take away
- difference between



multiplication

- lots of
- times
- multiply
- groups of
- product
- multiplied by
- multiple of
- repeated addition
- array



division

- divide
- divided by
- divided into
- share
- share equally
- equal groups of



equals

- makes
- total
- same as
- equivalent
- balances





Main Teaching

To finish the week we are going to look at problems involving all operations.

You will need to decide on the operation to use to solve the problems.



Problem Solving

What would the answer be to this problem and why?

Safraz has 128 books. Lucy has 96. How many do they have altogether?



Problem Solving

What would the answer be to this problem and why?

A bicycle frame weighs 12.75kg. Each wheel weighs 1.85kg.
What is the total weight of the frame and the wheels?



Problem Solving

What would the answer be to this problem and why?

A bicycle frame weighs 12.75kg. Each wheel weighs 1.85kg.
What is the total weight of the frame and the wheels?

$$1.85 \times 2 = 3.7$$

Why have we done this?



Problem Solving

What would the answer be to this problem and why?

A bicycle frame weighs 12.75kg. Each wheel weighs 1.85kg.
What is the total weight of the frame and the wheels?

$$1.85 \times 2 = 3.7$$

$$12.75 + 3.7 = 16.45$$

The answer is 16.45kg.

Explain why this is the answer.



Activity

Now have a go at the word problems on the activity sheets.
Choose the level of challenge you are confident with.



Activity Answers

The activity answers are included in the attachments.



Review

- Write a word problem of your own which uses at least 2 different operations.
- Read it out and see if others can tell you the operations required.