

Starter

Round to the nearest 10, 100 and 1000:

8923 ~

17,902 ~

List all the factors of 96:

What is the lowest common multiple of 5 and 6?

## Starter

Round to the nearest 10, 100 and 1000:

8923 ~ 8920    8900    9000

17,902 ~ 17,900    17,900    18,000

List all the factors of 96: 1, 96, 2, 48, 3, 32, 4,  
24, 6, 16, 8, 12

What is the lowest common multiple of 5 and 6?  
30

~~20.10.2020~~

~~XX.X.MMXX~~

## ~~LQ: Can I solve word problems?~~

~~S.C. Have I...~~

+ with support?

+ independently?

+ applied my understanding to a variety of contexts?

This week we will be practising solving word problems involving all four operations.

Can you think of any vocabulary that you might come across when solving word problems?

sum

+

times

X

difference

-

÷

share

## **What are the steps that we take to solve word problems?**

1. Underline the key information
2. Choose the operation(s)
3. Solve the problem
4. Check that you have answered the question

Today is an ~~answer free zone~~

= all of the answers will be written down next to the question.

Why do you think we are going to do this?

Packs of lego come with 54 pieces. Medium packs of lego come with 31 pieces. Carl buys 6 large packs of lego and 12 medium bags of lego. How many pieces of lego will he have altogether?

**696 pieces**

Clare decides to share her pencils between herself and her 4 friends. She has 183 green pencils, 382 blue pencils and 200 yellow pencils. How many pencils will Clare and her friends get each?

**605 pencils each**



A shop sells Mars bars for 55p, Galaxy bars for £1.15 and Twix bars for £2.10. Miss Newman decides to buy 5 Mars bars, a Twix bar and 2 Galaxy bars. How much does she spend?

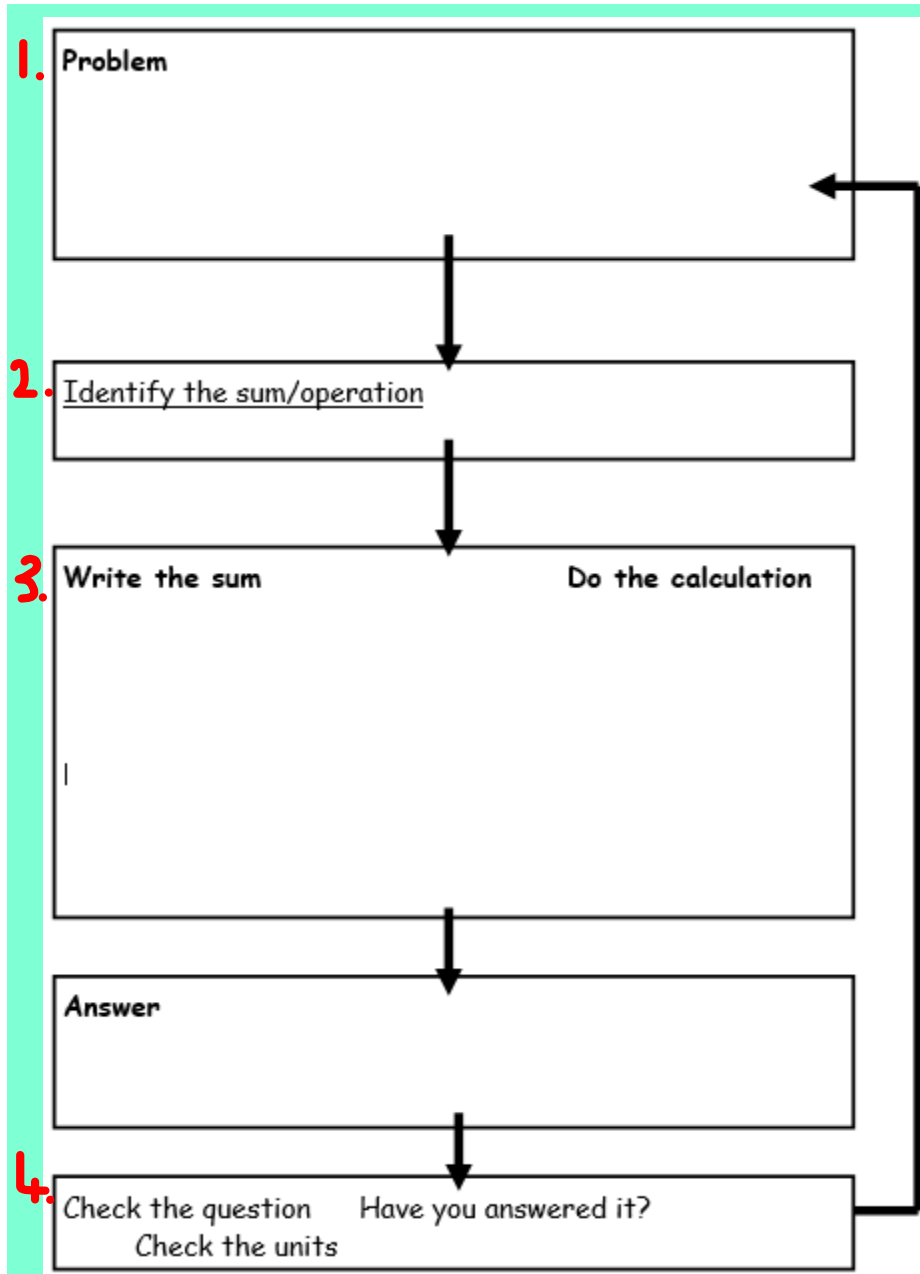
**£7.15**

A length of blue ribbon costs £2.25 per metre and a length of red ribbon costs £1.40 per metre. How much would it cost for 2m of blue ribbon and half a metre of red ribbon?

**£5.20**

Football cards come in packs of 8 and each pack costs £2.24. Arnie needs to buy a football card for each of his 32 friends in his class. How much will he spend on cards?

**£17.92**



On your sugar paper,  
I want to see these  
steps.

1. Grapes cost £1.50 per kg and carrots cost £1.00 per kg. How much would it cost for 3kg of grapes and half a kilogram of carrots? **£5**
2. Jenny decides to share her sweets between herself and her 3 friends. She has 212 green sweets, 310 blue sweets and 502 yellow sweets. How many sweets will Jenny and her friends get each? **256**
3. Large chocolate bars come with 32 pieces. Medium chocolate bars come with 24 pieces. Barry buys 8 large bars of chocolate and 6 medium bars. How many pieces of chocolate will he have altogether? **400**
4. A flower shop sells roses for £1.79, carnations for £1.25 and buttercups for £1.30. Holly decides to buy 3 roses and a buttercup. How much does she spend? **£6.67**
5. Pencils come in packs of 12 and each pack costs £1.19. Mr Green needs to buy a pencil for each of the 50 children in his class. How much will he spend on pencils? **£5.95**

Starter

~~21.10.2020~~

~~XXIX.MMXX~~

## ~~LQ: Can I solve word problems?~~

~~S.C. Have I...~~

+ with support?

+ independently?

+ applied my understanding to a variety of contexts?

Today you are going to continue to answer four operations word problems.

### **What are the steps for solving word problems?**

1. Underline the key information
2. Choose the operation(s)
3. Solve the problem
4. Check that you have answered the question



Model

Jane wins £802,649 on the lottery one week and £100,876 on a scratch card the following week. She shares the winnings equally between her 3 children. How much money do they get each?

1. Read
2. Operation
3. Solve
4. Check



*Solver/recorder*

Filbert was playing a video game and had a score of 200,000. In a hard part of the game he lost 106,848 points. If he got 329,404 more points in the next level, how many points would he have?

The school ordered 1,230,868 fish fingers for a very hungry school. But, if 355,712 fish fingers did not get eaten. How many extra fish fingers did the school end up with?

Task

1. Complete the word problems into your book.
2. Once you have completed a question, mark it straight away.
3. Everyone must complete at least 4 questions.

# Times tables challenge



Starter

22.10.2020

XXII.X.MMXX

## LQ: Continued.

S.C. Have I...

+ with support?

+ independently?

+ applied my understanding to a variety of contexts?

Today we are going to practise some non-routine questions.

They may involve different units of measure so we will need to think back to some of our year 4 learning on kilograms, money, metres etc...