LO: To solve multi step problems

Solve the following problems:

1) There are 167 books in one classroom and 392 books in the other.
   How many books are there altogether in both classrooms?

2) Jay has a collection of 263 football cards. His brother has 189.
   How many more football cards does Jay have?

3) A family drive 208 miles from London to Manchester, and then 213
   miles on to Glasgow.
   How far did they travel altogether?

4) A cricket team score 456 in the first innings and 249 in the second innings.
   How many runs did they score altogether?

5) Jenny has £5.67. She spends £2.85 on a present for her brother.
   How much money does she have left?

6) Abi collects stamps. She has 351 in a box and 456 in a book.
   How many does she have altogether?

7) A lorry driver has a 561 mile journey. He stops for a break after 314 miles.
   How much further has he to travel?

8) A pack of Christmas cards costs £5.49.
   How much change would there be from £10.00?

9) A packet of lentils weighs 450g and a packet of kidney beans weighs 385g.
   How much do they both weigh altogether?

10) A shopkeeper has 367 bottles of lemonade.
    He orders 480 more. How many bottles of lemonade will he have now?

Challenge

Two children have 720 marbles between them.
Jay has 126 more than Abi.
How many does Abi have?

14.10.2021

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Keiran needs to run 2500 metres. In the first 10 minutes he runs 639m and in the second 10 minutes he runs 794m. How much further will he still need to run?

Barney bought a bubble making machine for £4.50, a pack of balloons for £3.00 and a fondue set for £9.99. He pays the cashier with a £20 note. How much change will he receive?

Chocolate bar £1.39

Pack of marshmellows: £2.47

Packet of sweets £1.76

Special Offer: Any 3 items for £4.10

How much money will Abbie save when using the special offer?

Mrs Ferry bought 3941 pencils at the start of the year. In the first term 235 pencils were used, in the second term 765 pencils were used. How many pencils were left to be used in the final term?

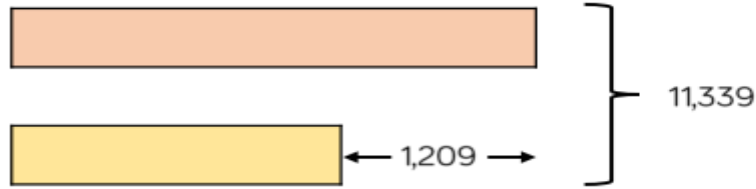
Fish £3.55

Chips £1.29

Gravy £0.75

Peas £0.90

Nigel has £5.00. He wants to buy chips, fish and peas. How much more money will Nigel need?

A bottle holds 2 litres (2000 ml) of freshly squeezed orange juice. Dexter fills three glasses with orange juice. He puts 170 millimetres in each glass. How much orange juice is left in the bottle?

Jason and Ella are trying to find out how many star jumps they can do in two minutes. In the first minute, Jason completes 48 star jumps and Ella completes 23 star jumps. Their target was 157 star jumps. How many more star jumps will they have needed to complete in order to reach their target?

Adam is twice as old as Barry. Charlie is 3 years younger than Barry. The sum of all their ages is 53. How old is Barry?

The sum of two numbers is 11,339. The difference between the same two numbers is 1,209. Use the bar model to help you find the numbers.

A milkman has 250 bottles of milk. He collects another 160 from the dairy and delivers 375 during the day. How many does he have left? Do you agree with Tommy? Explain why.
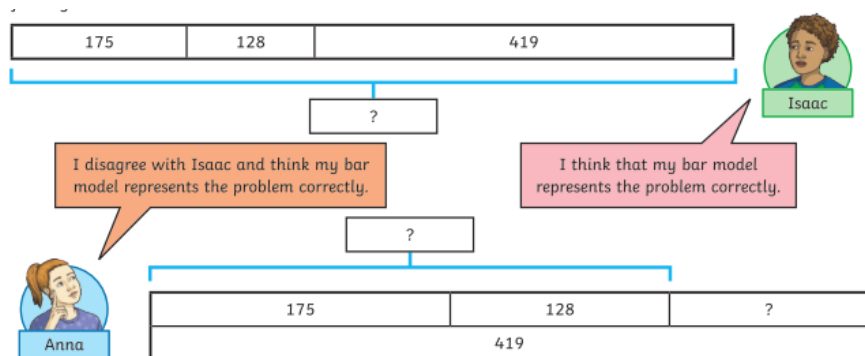
My method:

$375 - 250 = 125$

$125 + 160 = 285$

Tommy

Year 5 were performing a show to parents on Wednesday, Thursday and Friday. 178 parents watched the school performance on Wednesday. Then another 56 parents watched the school performance on Thursday. Tickets were sold to 250 parents in total. How many parents will watch the final performance on Friday?

Two children were discussing this word problem.

Some people are on a train. 175 people were on a train at one stop. 128 more people get on at the next stop. There are now 419 people on the train. How many people were on the train at the start of the journey?

| 175 | 128 | 419 |

?

I disagree with Isaac and think my bar model represents the problem correctly.

I think that my bar model represents the problem correctly.

Isaac

?

| 175 | 128 | ? |
| 419 | | |

Anna

Which child do you agree with? Explain your reasoning.