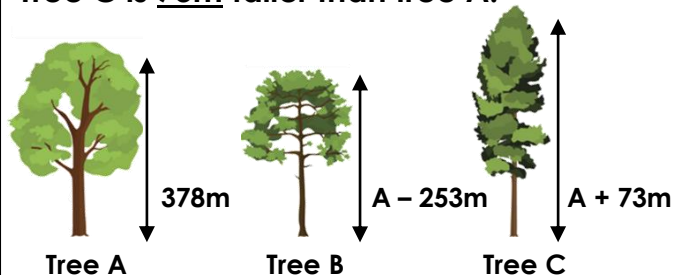


Multi-Step Problems

1a. Tree A is 378m tall.

Tree B is 253m shorter than tree A.

Tree C is 73m taller than tree A.



What is the total height of the trees?



5 PS

Multi-Step Problems

1b. A school orders 455 maths books.

They order 258 fewer English books than maths books, and 86 more art books than English books.



Maths
455



English
Maths - 258



Art
English + 86

How many books are ordered in total?

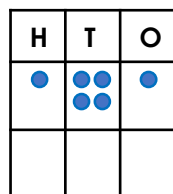


5 PS

2a. There are 500 marbles in a pack.



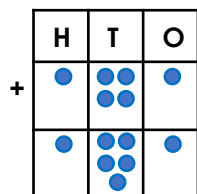
Box A has 141 marbles. Box C has 152 more than box A.



Box A



Box B



Box C

How many marbles are in box B?
Convince me.

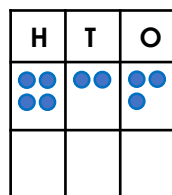


5 R

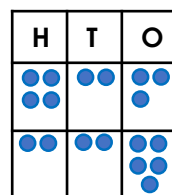
2b. Eric has 723 stamps in his collection



Book A has 423 stamps in. Book B has 225 fewer than book A.



Book A



Book B



Book C

How many stamps are in book C?
Convince me.



5 R

3a. Write a word problem to go with the following calculation.

$$255g + 334g - \boxed{} = 414g$$



Solve your word problem.



5 PS

3b. Write a word problem to go with the following calculation.

$$512cm - \boxed{} + 123cm = 317cm$$



Solve your word problem.



5 PS

Multi-Step Problems

Multi-Step Problems

4a. A charity want to raise £9,559.

They raise £4,522 in the first month.

They raise two thousand, six hundred and twenty-five pounds less in the second month.

In the third month, they raise £1,540 more than what they raised in the second month.

Does the charity reach their goal?



5 PS

4b. A warehouse is receiving a bulk shipment of pet food.

6,016 of the tins are dog food.

They receive 4,634 fewer tins of cat food than dog food.

They receive 1,020 more tins of fish food than cat food.

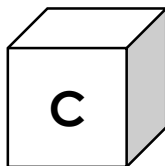
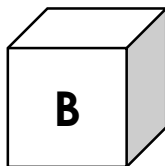
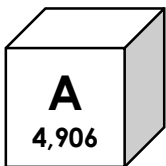
How many tins of pet food do they receive in total?



5 PS

5a. Jack is organising his sticker collection. He has 9,292 stickers in total.

Box A has 4,906 stickers. Box C has 1,208 fewer stickers than box A.



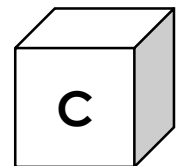
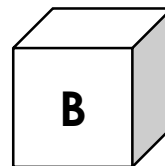
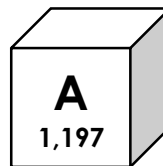
How many stickers are in box B?
Convince me.



5 R

5b. There are 4,498 counters in one bulk bag.

Box A holds 1,197 counters. Box B holds 586 more counters than box A.



How many counters are in box C?
Convince me.



5 R

6a. Write a word problem to go with the following calculation.

$$7,886\text{ml} - 4,392\text{ml} + \boxed{}\text{ml} = 6,399\text{ml}$$

Solve your word problem.



5 PS

6b. Write a word problem to go with the following calculation.

$$£6,688 + £2,501 - £\boxed{} = £7,626$$

Solve your word problem.



5 PS

Multi-Step Problems

Multi-Step Problems

7a. A printing company are recording their quarterly sales. They want to print 8,500 flyers in this quarter.

In January, they printed 2,264 flyers.

In February, they printed half the amount printed in January.

In March, they printed 234 more than January and February combined.

Have they met their goal for this quarter?



5 PS

7b. Jet Air are tracking the number of bookings made year on year to measure the company's growth.

Year	Number of bookings
2016	2,267
2017	Up 2,796
2018	Down 2,978

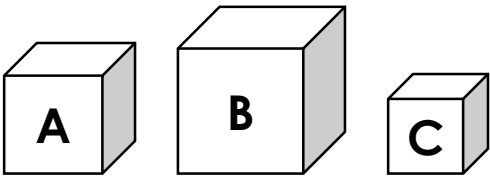
How many bookings were made in each year and in total?



5 PS

8a. 4,432 buttons are made in three hours. It takes six hours to make enough buttons to fill three boxes.

When Box B has been filled, there are 3,363 buttons remaining. Box C holds half the amount of buttons as Box A.



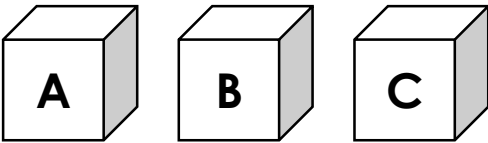
How many more are there in box A than box C?



5 R

8b. Three boxes hold 9,567 elastic bands altogether. When box C has been filled there are 6,909 elastic bands left.

Box A has twice as many elastic bands as box B.



How many more are there in Box C than Box B?



5 R

9a. These are the items in a school stationery cupboard. Write a word problem using the information from the table. It must have at least two steps and the answer must be a 4-digit number.

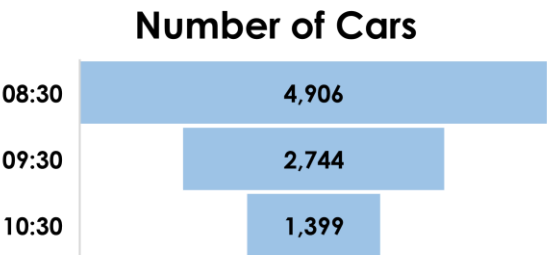
Item	Number
Pens	2,764
Pencils	
Rulers	2,009
Total	8,672

Solve your word problem.



5 PS

9b. These are the results of a traffic survey. Use the information to write a word problem. It must have at least two steps and the answer must be a 4-digit number.



Solve your word problem.



5 PS