

Hard

<p>1. In the library, there are 3054 science books on the top shelf, and 2425 science books on the bottom shelf. How many science books are there altogether?</p>	<p>2. There are 8501 picture books in the library. On Monday 3233 were taken out. How many picture books are left?</p>
<p>3. Two classes collected marbles. One class had 3672 marbles, the second class had 6820. How many marbles did both classes have?</p>	<p>4. There were 5232 pieces of sports equipment. Sadly, 2551 pieces were ruined in a flood. How many pieces of sports equipment are there?</p>
<p>5. There were 9512 books in a library. 1500 each book out a book. How many books were left in the library?</p>	<p>6. In a lorry, pieces of fruit. 235 were bananas and 3621 were oranges. How many pieces of fruit were there in the lorry?</p>
<p>7. 1362 West Ham fans and 3412 Chelsea fans attended a match. a) How many fans watched the match?</p>	<p>8. A gallery had 5325 visitors in September. In June they had 5630 visitors. How many more people visited the gallery in June than September?</p>
<p>9. Ed Sheeran played to a crowd of 1362 in London on Friday, 2215 in Paris on Saturday How many fans saw Ed Sheeran play?</p>	<p>10. Adele sold 1362 albums on Saturday. She sold 2452 on Sunday. How many more albums did she sell on Sunday ?</p>

Harder

- 1) Kieran needs to run 2500 metres. In the first ten minutes he runs 639 and in the second ten minutes he runs 794 metres. How much farther does he still need to run? (2 steps)

- 2) Chocolate Bar: £1.39
Pack of Marshmallows: £2.47
Packet of sweets: £1.76
Special offer; Any of three items for £4.10
How much money will Len save by buying one of each item using the special offer? (3 steps)

- 3) Yuan and Chan are trying to find out how many star jumps they can do in two minutes. In the first minute, Yuan completes 48 star jumps and in the second minute he completes 56 star jumps. Chan completes 184 star jumps in two minutes.
What is the difference between the amount of star completed by Yuan and Chan? (2 steps)

- 4) Mrs Flood has 1938 pencils at the beginning of the school year. In term one, 348 pencils are used and in term two, 827 pencils are used. How many pencils are remaining in term three? (2 steps)

- 5) Fish: £3.55
Chips: £1.29
Gravy: £0.75
Peas: £ 0.90
Nigel has £5. He wants to buy fish, chips and peas. How much more money will Nigel need?

- 6) A Bottle holds 2000 millilitres of freshly squeezed orange juice. Denver fills three glasses with orange juice. He puts 170 millilitres in each glass. How much orange juice is left in the bottle?

- 7) In the library, there are 6054 science books on the top shelf, and 425 science books on the bottom shelf. 456 books have been taken out to read. How many science books are left in the library?

Hardest

- 1) Kieran needs to run 2500 metres. In the first ten minutes he runs 639 and in the second ten minutes he runs 794 metres.
 - a. How much farther does he still need to run?
 - b. Kieran gets £2 for every metre he runs to raise money for charity. If he completes the run, how much money has he raised?

- 2) Chocolate Bar: £1.39
Pack of Marshmallows: £2.47
Packet of sweets: £1.76
Special offer; Any of three items for £4.10
How much money will Len save by buying one of each item using the special offer?
If Len pays with a £10 note, how much change will he get?

- 3) Yuan and Chan are trying to find out how many star jumps they can do in two minutes. In the first minute, Yuan completes 48 star jumps and in the second minute he completes 56 star jumps. Chan completes 184 star jumps in two minutes.
What is the difference between the amount of star jumps completed by Yuan and Chan?
Katie completed 25 more star jumps than Chan. How many star jumps did Katie complete?

- 4) Mrs Flood has 11938 pencils at the beginning of the school year. In term one, 1348 pencils are used and in term two, 827 pencils are used.
How many pencils are remaining in term three?
If 3424 pencils are used in term three. How many pencils are left unused by the end of the year?

- 5) Fish: £3.55
Chips: £1.29
Gravy: £0.75
Peas: £ 0.90
Nigel has £20. He wants to buy 2 portions of fish, 2 portions chips, and 1 portion of peas.
How much more change will Nigel get?

- 6) A Bottle holds four litres of freshly squeezed orange juice. Denver fills three glasses with orange juice. He puts 170 millilitres in each glass. How much orange juice is left in the bottle?

- 7) Two classes of children collected marbles. One class took out 3672 marbles, the second class had 6820.
How many marbles did both classes have altogether?
How many more marbles did the second class have?
If each marble cost 2p. How much did the class spend altogether on the marbles?

Herculean

- 1) Toy car: £12.49
Board Game: £25.38
Building blocks: £34.39
Amil and Rikard want to buy one of each toy. Amil rounds the price of each toy to the nearest £10 and adds them together. Rikard adds the exact price of each toy together. What is the difference between Amil's and Rikard's totals?

- 2) Woolly hat: £11.75
Gloves: £4.95
Aydin has a twenty-pound and a ten-pound note.
How much change will he receive if he buys two woolly hats and a pair of gloves.

- 3) Miley and James each have some money. Altogether, they have £4.20. Miley gives James 20p so that they both have the same amount. How much money did they each have at the start?

- 4) Class A has a race. Kat's time is 47 seconds. Charlie finishes nine seconds before Kat. Maria finishes 14 seconds after Charlie. Birkir finishes 26 seconds before Maria. What is Birkir's time in seconds?

Extention

Create one or two step word problems for these calculations -

$$1324 + 9654 =$$

$$2546 + 69956 =$$

$$4862 - 1546 =$$

$$14659 - 2381 =$$

$$1000 + 3000 - 1500 =$$