

Y4 Two Step Problems

KS2 Y4 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

A school has 1,245 pupils. 138 leave and 96 join. How many pupils are there now?

Step 1 · Step 1: 138 leave, so subtract

$$1,245 - 138 = 1,107$$

Step 2 · Step 2: 96 join, so add

$$1,107 + 96 = 1,203$$

Answer: There are 1,203 pupils now

Check: Estimate: $1,250 - 150 + 100 = 1,200$ ✓

2. Now try one with the steps

A bike costs £1,350 and a helmet costs £85. Jo pays with £1,500. How much change does she get?

Step 1 · Step 1: find the total cost

Step 2 · Step 2: find the change

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. Ben has 450 stickers. He buys 120 more, then gives 75 away. How many stickers does he have now?

2. A bus has 38 people on it. At the first stop 12 get off and 9 get on. How many people are on the bus now?

3. A shop had 1,200 apples. It sold 340 on Monday and 285 on Tuesday. How many apples are left?

4. A game costs £35 and a controller costs £28. Ellie pays with a £100 note. How much change does she get?

5. A plane has 2,500 litres of fuel. It uses 1,340 litres, then is filled with 900 litres. How much fuel does it have now?

6. There are 1,425 people at a concert. 360 leave at the interval and 215 arrive late. How many are there after the interval?

7. A charity collects £2,350 in May and £1,865 in June. The target was £5,000. How much more is needed?

8. Kemi scores 1,250 points. Dan scores 340 more than Kemi. How many points do they score altogether?

9. A rope is 3,000 cm long. 1,275 cm is cut off, then another 850 cm. How long is the rope now?

10. A school needs 2,000 exercise books. It has 645 and orders 980. How many more books does it still need?

11. Hill A is 1,085 m high. Hill B is 278 m lower than Hill A. Hill C is 415 m higher than Hill B. How high is Hill C?

12. Car A has driven 4,350 miles. Car B has driven 1,280 miles fewer. How many miles have they driven altogether?

13. A box of 1,000 paper clips is shared out. Class 4A takes 285 and Class 4B takes 360. How many are left in the box?

14. Ola thinks of a number, adds 1,500 and then takes away 650. The answer is 3,100. What was her number?

4. Before you hand it in

Stopping after the first step.

Underline the question at the end. Ask yourself: have I answered THAT question yet?

Adding every number because the problem has the word 'more'.

Picture what is happening. 'Dan scores 340 more than Kemi' means find Dan's score first, then answer the question.

Using numbers in the wrong order, e.g. $340 - 1,250$.

Draw a bar model. The whole goes at the top; the parts go underneath.

Leaving off £, cm or other units.

Write the unit in your final answer sentence: Jo gets £65 change.