

Calculating Change

Lesson
9

Day 4 LO: To be able to solve word problems involving calculating change from an amount of money of money

MANDATORY: To better understand the bar model, please watch this video:

<https://www.youtube.com/watch?v=I6Ipio8JntU>

In Focus

Charles had £100.
He bought a cake which cost £25.
He bought a pair of shoes which cost £65.
How much money did he have left?



Remember: To create your pound symbol on the computer £ - press the Shift and no. 3 together.

Let's Learn

1



$$£25 + £65 = £90$$

Charles spent altogether.

$$£100 - £90 = £10$$

Charles had left.



Note: Before working out the answer make sure you read the word problems carefully so that you understand what the question is asking you to find out.

First, we should find how much money Charles spent altogether.

2

Emma buys a calculator for £8.
She buys a dictionary for £9.
She gives the cashier £50.
How much change does Emma get?



$$\square + \square = \square$$

Emma spends in all.

$$\square - \square = \square$$

Emma gets change.



What should we find first?

Solve the problem in another way.

'Change' is the amount of money Emma gets back.



Worksheet 9

Calculating Change

What does 'total' mean?
What does 'change' mean?
What operation do we need to use for each word problem?

1 Fill in the blanks.



box of strawberries



cake



carton of milk



box of chocolates

(a) What is the total cost of a box of strawberries and a carton of milk?

(b) Elliott bought a box of strawberries and a carton of milk. He paid the cashier £10. How much change did he get?

(c) Amira bought a cake and a box of chocolates. She paid the cashier £50. How much change did she get?

(d) Ruby bought an item and paid the cashier £20. She received £7 change. What did Ruby buy?

Solve.

2 Sam buys a toy car for £12.
He also buys a toy robot for £29.
He pays the cashier £50.
How much change does he get?



$$\square \bigcirc \square = \square$$

$$\square \bigcirc \square = \square$$

Sam gets change.

Using the bar model; complete the blank spaces to solve the word problem.

Write your answer inside this box:

- 3 Lulu had £100.
She bought a dress for £38, a pair of earrings for £14
and a pair of shoes for £25.
How much money did Lulu have left?

You can draw a bar model in your homework books to help you solve the word problem. Make sure you show your working out by writing your number sentences not just the final answer.

Write your answer below: