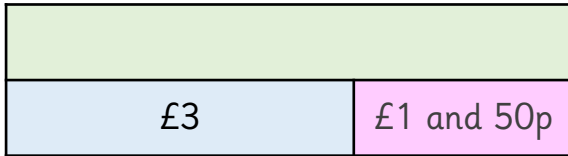


Two-step problems



1 Complete the bar models and write the calculations.

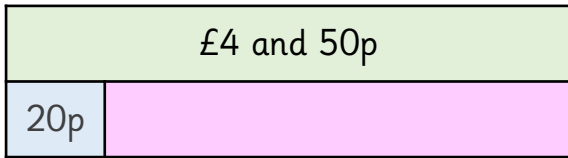
- a Kat has £3 in her purse. She is given £1 and 50p more.
Fill in the bar model and write a calculation to show her total.



_____ + _____ = _____

Kat has _____ in total.

Kat then buys a bag of sweets for 20p.
Fill the bar model and write the calculation to show how much she has left.



_____ - _____ = _____

Kat has _____ left.

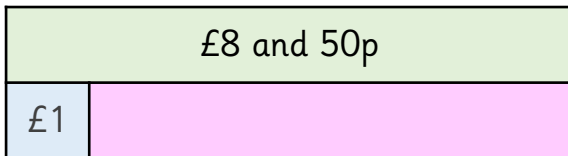
- b Rob has £5 in his wallet. He is given £3 and 50p more.
Fill in the bar model and write a calculation to show his total.



_____ + _____ = _____

Rob has _____ in total.

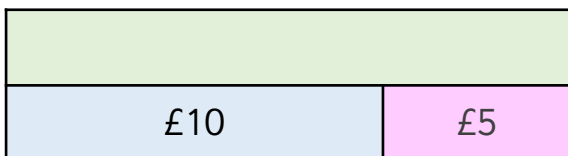
Rob then buys a pen for £1.
Fill the bar model and write the calculation to show how much he has left.



_____ - _____ = _____

Rob has _____ left.

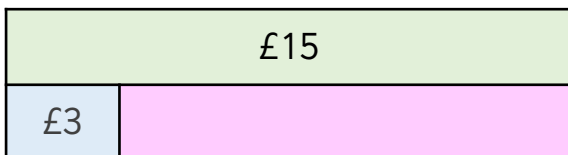
- c Tam has £10 in her money bank. She is given £5 more.
Fill in the bar model and write a calculation to show her total.



_____ + _____ = _____

Tam has _____ in total.

Tam then buys a pair of gloves for £3.
Fill the bar model and write the calculation to show how much she has left.



_____ - _____ = _____

Tam has _____ left.

Two-step problems



1 Solve the following problems.



a Ben has these coins. How much does Ben have altogether?

_____ + _____ + _____ + _____ + _____ = _____

b Ben spends 20p. How much does he have left?

_____ - _____ = _____

2 Solve the following problems.



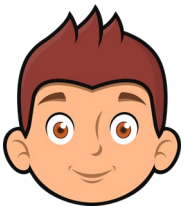
a Che has these coins. How much does Che have altogether?

_____ + _____ + _____ + _____ + _____ = _____

b Che spends £1 and 5p. How much does he have left?

_____ - _____ = _____

3



The coins below total £1 and 85p.
If I spend 55p I would have £1 and 35p left.



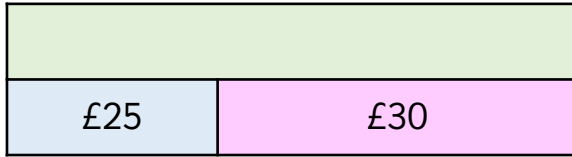
Is Matt correct? Explain how you know.

Two-step problems



- 1 Complete the bar models and write the calculations.

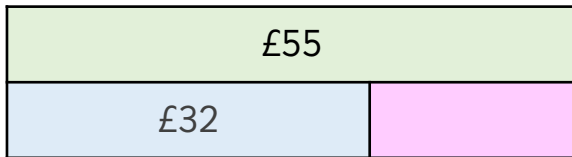
Kat has £25 in her money bank. She is given £30 more.
Fill in the bar model and write a calculation to show her total.



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Kat has in total.

Kat then buys a jumper for £32.
Fill the bar model and write the calculation to show how much she has left.



$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Kat has left.

- 2 Solve the following problems.



- a Gina has these coins. How much does Gina have altogether?

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

- b Gina spends 15p. How much does she have left?

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

- 3 Solve the following problems.



- a Asha has these coins. How much does Asha have altogether?

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

- b Asha spends 45p. How much does she have left?

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Two-step problems



1 Calculate the total cost then how much change will be received.

- a Beth buys a skirt costing £8 and a jumper costing £4.
She pays with a £20 note.

_____ + _____ = _____

How much change will she receive?

_____ - _____ = _____



- b Jess buys a handbag costing £18 and an umbrella costing £5.
She pays with £40 (two £20 notes).

_____ + _____ = _____

How much change will she receive?

_____ - _____ = _____

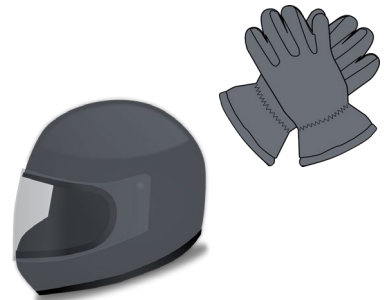


- c Dom buys a pair of gloves costing £15 and a helmet costing £22.
He pays with a £50 note.

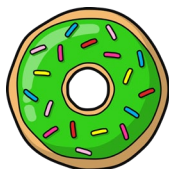
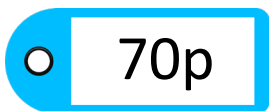
_____ + _____ = _____

How much change will he receive?

_____ - _____ = _____



2



Sue has five 10p coins in her money box.
She receives an extra 10p coin.
Does Sue have enough to buy the
doughnut?

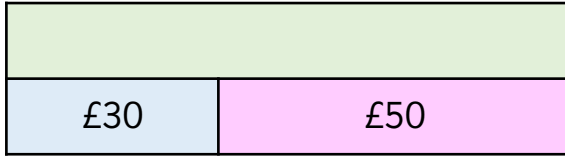
Explain how you know.

Two-step problems



1 Complete the bar models and write the calculations.

- a Kat has £30 in her money bank. She is given £50 more.
Fill in the bar model and write a calculation to show her total



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Kat has in total.

Kat then buys a handbag for £25.

Fill the bar model and write the calculation to show how much she has left.



$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Kat has left.

2 Solve the following problems.



- a Rob has these coins. How much does Rob have altogether?

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

- b Rob spends 44p. How much does he have left?

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

3 Calculate the total cost then how much change will be received.

- a Jess buys a skirt costing £18 and a jumper costing £16.
She pays with a £50 note.

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

How much change will she receive?

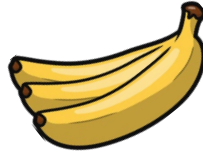
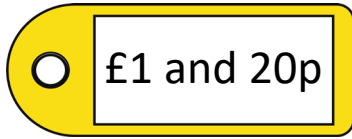
$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



Two-step problems



1



Sue has four 20p coins.

Sue is given an extra 20p coin off her Grandma.

Does Sue have enough to buy the bananas?

Explain how you know.

2 Jess says,



I have £1 and 20p.
I bought a biscuit for 40p and I would like to buy
the doughnuts shown below.



Explain why the shopkeeper will not sell Jess a doughnut.

Answers

To avoid wasting paper & ink,
please do not print this page.

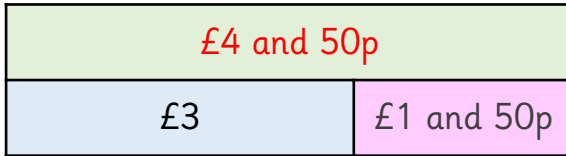


Two-step problems



1 Complete the bar models and write the calculations.

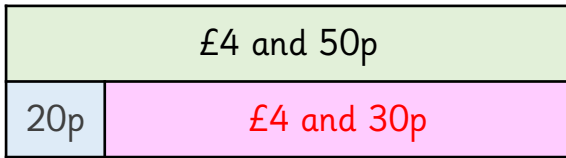
- a Kat has £3 in her purse. She is given £1 and 50p more.
Fill in the bar model and write a calculation to show her total.



$$\underline{\text{£3}} + \underline{\text{£1 and 50p}} = \underline{\text{£4 and 50p}}$$

Kat has £4 and 50p in total.

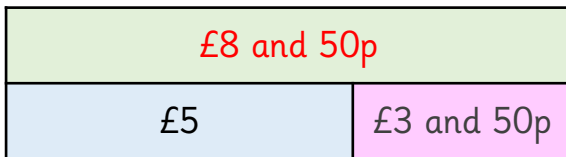
Kat then buys a bag of sweets for 20p.
Fill the bar model and write the calculation to show how much she has left.



$$\underline{\text{£4 and 50p}} - \underline{20p} = \underline{\text{£4 and 30p}}$$

Kat has £4 and 30p left.

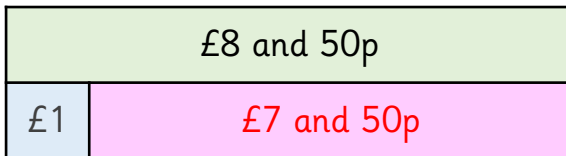
- b Rob has £5 in his wallet. He is given £3 and 50p more.
Fill in the bar model and write a calculation to show his total.



$$\underline{\text{£5}} + \underline{\text{£3 and 50p}} = \underline{\text{£8 and 50p}}$$

Rob has £8 and 50p in total.

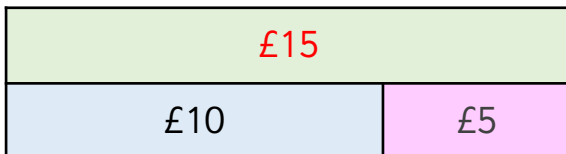
Rob then buys a pen for £1.
Fill the bar model and write the calculation to show how much he has left.



$$\underline{\text{£8 and 50p}} - \underline{\text{£1}} = \underline{\text{£7 and 50p}}$$

Rob has £7 and 50p left.

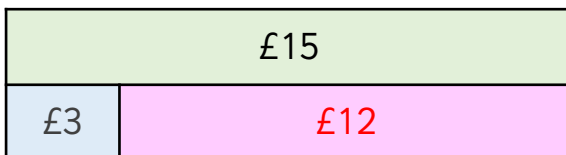
- c Tam has £10 in her money bank. She is given £5 more.
Fill in the bar model and write a calculation to show her total.



$$\underline{\text{£10}} + \underline{\text{£5}} = \underline{\text{£15}}$$

Tam has £15 in total.

Tam then buys a pair of gloves for £3.
Fill the bar model and write the calculation to show how much she has left.



$$\underline{\text{£15}} - \underline{\text{£3}} = \underline{\text{£12}}$$

Tam has £12 left.

Two-step problems



1 Solve the following problems.



a Ben has these coins. How much does Ben have altogether?

$$\underline{20p} + \underline{10p} + \underline{5p} + \underline{2p} + \underline{1p} = \underline{38p}$$

b Ben spends 20p. How much does he have left?

$$\underline{38p} - \underline{20p} = \underline{18p}$$

2 Solve the following problems.



a Che has these coins. How much does Che have altogether?

$$\underline{£1} + \underline{20p} + \underline{10p} + \underline{10p} + \underline{5p} = \underline{£1 \text{ and } 45p}$$

b Che spends £1 and 5p. How much does he have left?

$$\underline{£1 \text{ and } 45p} - \underline{£1 \text{ and } 5p} = \underline{40p}$$

3



The coins below total £1 and 85p.
If I spend 55p I would have £1 and 35p left.



Is Matt correct? Explain how you know.

No, Matt is not correct.

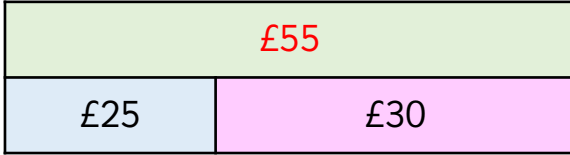
£1 and 85 – 55p = £1 and 30p.

Two-step problems



- 1 Complete the bar models and write the calculations.

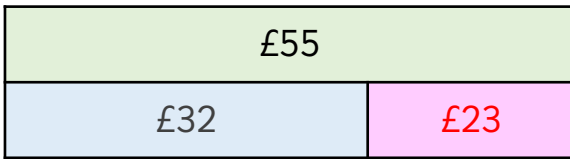
Kat has £25 in her money bank. She is given £30 more.
Fill in the bar model and write a calculation to show her total.



$$\underline{£25} + \underline{£30} = \underline{£55}$$

Kat has £55 in total.

Kat then buys a jumper for £32.
Fill the bar model and write the calculation to show how much she has left.



$$\underline{£55} - \underline{£32} = \underline{£23}$$

Kat has £23 left.

- 2 Solve the following problems.



- a Gina has these coins. How much does Gina have altogether?

$$\underline{2p} + \underline{£1} + \underline{5p} + \underline{£2} + \underline{20p} = \underline{£3 \text{ and } 27p}$$

- b Gina spends 15p. How much does she have left?

$$\underline{£3 \text{ and } 27p} - \underline{15p} = \underline{£3 \text{ and } 12p}$$

- 3 Solve the following problems.



- a Asha has these coins. How much does Asha have altogether?

$$\underline{£1} + \underline{50p} + \underline{20p} + \underline{10p} + \underline{£2} = \underline{£3 \text{ and } 80p}$$

- b Asha spends 45p. How much does she have left?

$$\underline{£3 \text{ and } 80p} - \underline{45p} = \underline{£3 \text{ and } 35p}$$

Two-step problems



1 Calculate the total cost then how much change will be received.

- a Beth buys a skirt costing £8 and a jumper costing £4.
She pays with a £20 note.

$$\underline{\text{£8}} + \underline{\text{£4}} = \underline{\text{£12}}$$

How much change will she receive?

$$\underline{\text{£20}} - \underline{\text{£12}} = \underline{\text{£8}}$$



- b Jess buys a handbag costing £18 and an umbrella costing £5.
She pays with £40 (two £20 notes).

$$\underline{\text{£18}} + \underline{\text{£5}} = \underline{\text{£23}}$$

How much change will she receive?

$$\underline{\text{£40}} - \underline{\text{£23}} = \underline{\text{£17}}$$

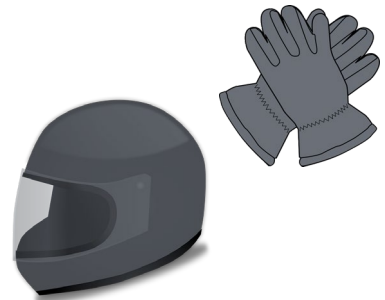


- c Dom buys a pair of gloves costing £15 and a helmet costing £22.
He pays with a £50 note.

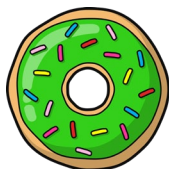
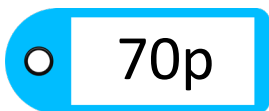
$$\underline{\text{£15}} + \underline{\text{£22}} = \underline{\text{£37}}$$

How much change will he receive?

$$\underline{\text{£50}} - \underline{\text{£37}} = \underline{\text{£13}}$$



2



Sue has five 10p coins in her money box.
She receives an extra 10p coin.
Does Sue have enough to buy the
doughnut?

Explain how you know.

No because she only has 60p.

She would need 10p more.

70p > 60p.

Two-step problems



1 Complete the bar models and write the calculations.

- a Kat has £30 in her money bank. She is given £50 more.
Fill in the bar model and write a calculation to show her total

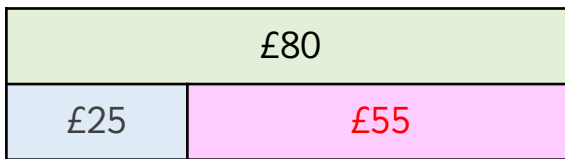


$$\underline{\text{£}30} + \underline{\text{£}50} = \underline{\text{£}80}$$

Kat has £80 in total.

Kat then buys a handbag for £25.

Fill the bar model and write the calculation to show how much she has left.



$$\underline{\text{£}80} - \underline{\text{£}25} = \underline{\text{£}55}$$

Kat has £55 left.

2 Solve the following problems.



- a Rob has these coins. How much does Rob have altogether?

$$\underline{\text{£}2} + \underline{10\text{p}} + \underline{2\text{p}} + \underline{20\text{p}} + \underline{2\text{p}} + \underline{\text{£}1} = \underline{\text{£}3 \text{ and } 34\text{p}}$$

- b Rob spends 44p. How much does he have left?

$$\underline{\text{£}3 \text{ and } 34\text{p}} - \underline{44\text{p}} = \underline{\text{£}2 \text{ and } 90\text{p}}$$

3 Calculate the total cost then how much change will be received.

- a Jess buys a skirt costing £18 and a jumper costing £16.
She pays with a £50 note.

$$\underline{\text{£}18} + \underline{\text{£}16} = \underline{\text{£}34}$$

How much change will she receive?

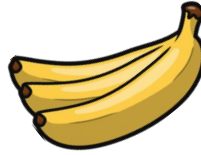
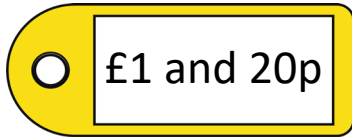
$$\underline{\text{£}50} - \underline{\text{£}34} = \underline{\text{£}16}$$



Two-step problems



1



Sue has four 20p coins.

Sue is given an extra 20p coin off her Grandma.

Does Sue have enough to buy the bananas?

Explain how you know.

No because she only has £1 in total.

She would need 20p more.

£1 and 20p > £1.

2 Jess says,



I have £1 and 20p.
I bought a biscuit for 40p and I would like to buy
the doughnuts shown below.



Explain why the shopkeeper will not sell Jess a doughnut.

£1 and 20p - 40p = 80p.

90 > 80p.

Jess does not have enough money to buy the doughnut.