

Varied Fluency

Step 5: Giving Change

National Curriculum Objectives:

Mathematics Year 3:(3M9a) [Add and subtract amounts of money to give change, using both £ and p in practical contexts](#)

Differentiation:

Developing Questions to support calculating change when purchasing one item. Pictorial support used alongside values. Where scaffolding for the answer is provided.

Expected Questions to support calculating change when purchasing one item, with partly completed number lines, bar and part-whole models.

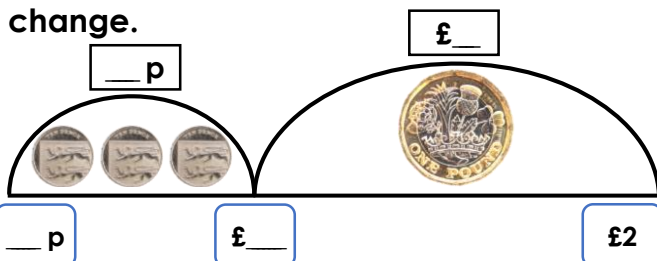
Greater Depth Questions to support calculating change when purchasing two items and including conversions from pounds to pence within a question. No scaffolding provided.

More [Year 3 Money](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Giving Change

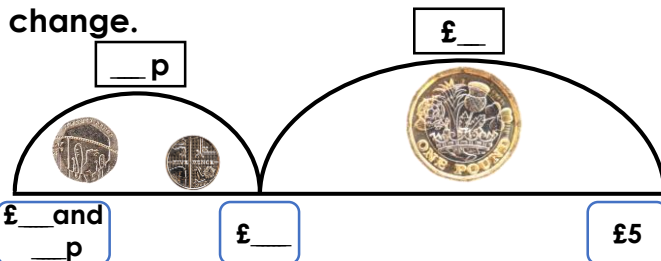
1a. Josh buys a packet of sweets for £1 and 30p. He pays with a £2 coin. Complete the number line to work out his change.



VF

Giving Change

1b. Ben pays to go swimming. It costs £1 and 25p. He pays with a £5 note. Complete the number line to work out his change.



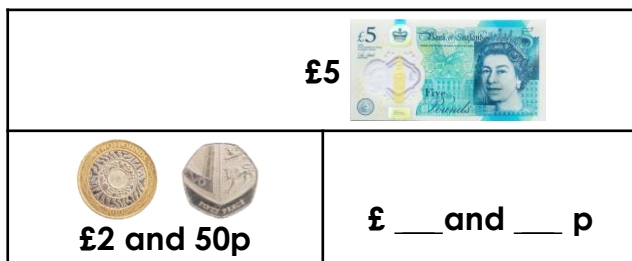
VF

2a. Jade buys a bag of popcorn for £1 and 45p. She pays with a £2 coin. What will her change be?



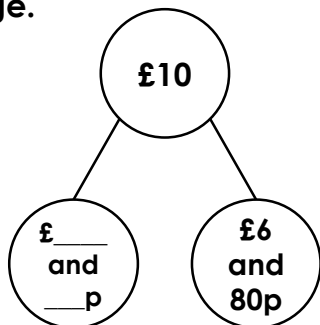
VF

2b. George buys a comic for £2 and 50p. He pays with a £5 note. What will his change be?



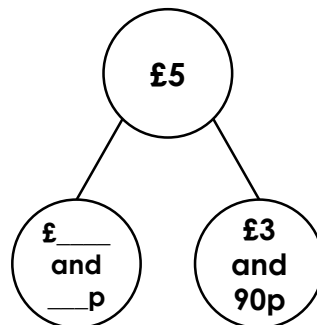
VF

3a. Amy buys a pair of gloves for £6 and 80p. She pays with a £10 note. Calculate her change.



VF

3b. Jack buys a hat for £3 and 90p. He pays with a £5 note. Calculate his change.



VF

4a. If you buy a robot toy, what will your change be if you pay with a £5 note?



£4 and 75p



VF

4b. If you buy a rocking horse, what will your change be if you pay with a £10 note?



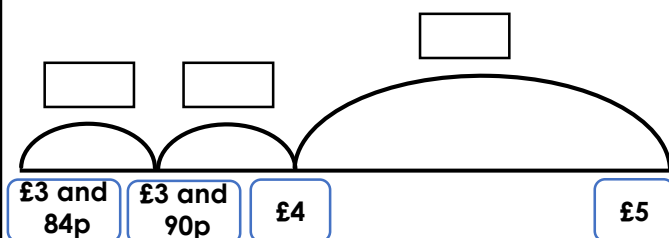
£8 and 40p



VF

Giving Change

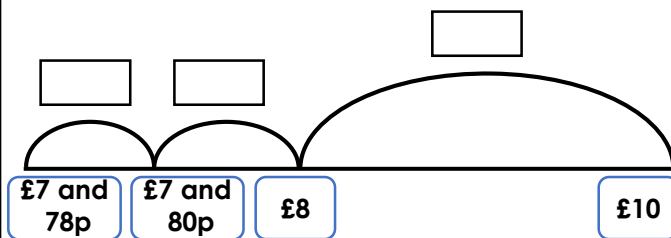
5a. Tom buys a book for £3 and 84p. He pays with a £5 note. Complete the number line to work out his change.



VF

Giving Change

5b. Katie buys a ball for £7 and 78p. She pays with a £10 note. Complete the number line to work out her change.



VF

6a. Emma buys a cinema ticket for £4 and 29p. She pays with a £5 note. What will her change be?

£5	
£4 and 29p	?



VF

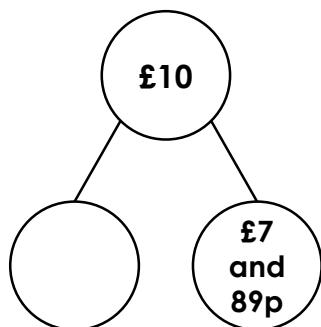
6b. Hannah buys a packet of crisps for £1 and 36p. She pays with a £2 coin. What will her change be?

£2	
£1 and 36p	?



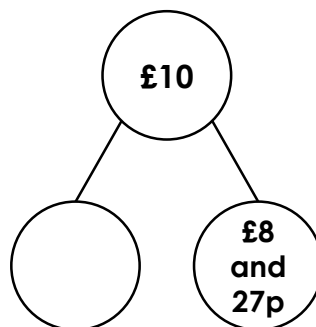
VF

7a. Sam buys a scarf for £7 and 89p. He pays with a £10 note. Calculate his change.



VF

7b. Charlie buys a shirt for £8 and 27p. He pays with a £10 note. Calculate his change.



VF

8a. If you buy the windmill what will your change be if you pay with a £20 note?



525p



VF

8b. If you buy the trumpet, what will your change be if you pay with a £20 note?



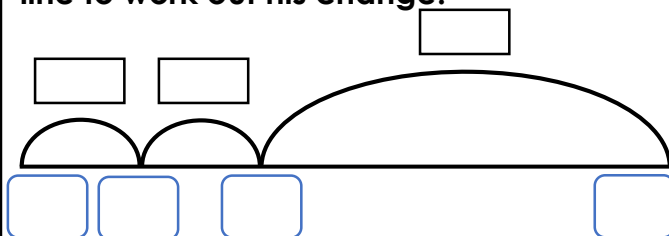
635p



VF

Giving Change

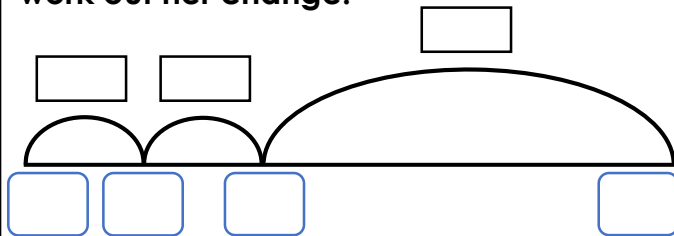
9a. Jacob buys a DVD for 675p and a bag of sweets for £2 and 10p. He pays with a £10 note. Complete the number line to work out his change.



VF

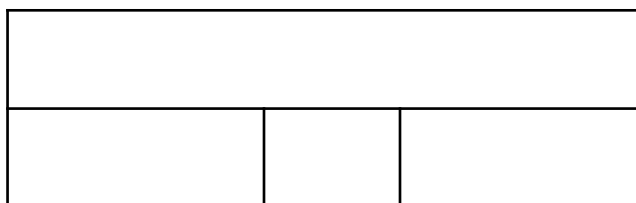
Giving Change

9b. Lauren buys a balloon for 183p and a football for £3 and 45p. She pays with a £10 note. Complete the number line to work out her change.



VF

10a. Elsie buys a toy car for 239p and a cereal bar for 75p. She pays with a £5 note. Complete the bar model in words to show what her change will be?



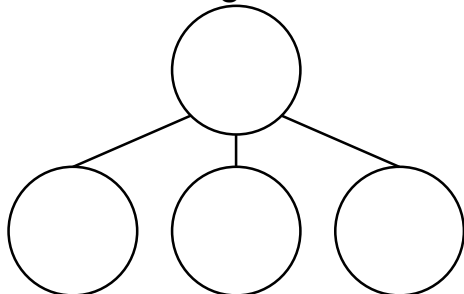
VF

10b. Jamie buys a box of chocolates for 499p and some pop for 275p. He pays with a £10 note. Complete the bar model in words to show what his change will be?



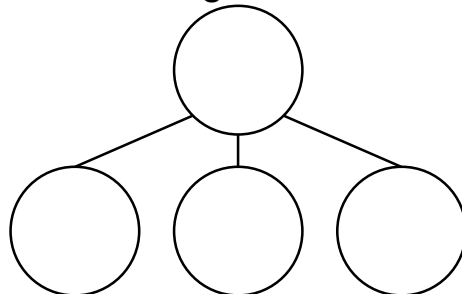
VF

11a. Joe buys some stickers for 207p and a drink for £1 and 30p. He pays with a £5 note. Complete the part-whole model to calculate his change.



VF

11b. Ollie buys a game for 978p and some juice for 145p. He pays with a £20 note. Complete the part-whole model to calculate his change.



VF

12a. If you buy the boat and the car, what will your change be if you pay with a £20 note?



£7 and 24p



652p



VF

12b. If you buy the aeroplane and the train, what will your change be if you pay with a £10 note?



£3 and 63p



526p



VF

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Developing

1a. Two jumps back: a jump of £1 landing on £1 and a jump of 30p to land on 70p. The change is 70p.

2a. 55p

3a. £3 and 20p

4a. 25p

Expected

5a. Three jumps back: a jump of £1 to land on £4, a jump of 10p to land on £3 and 90p and a final jump of 6p to land on £3 and 84p. The change is £1 and 16p.

6a. 71p

7a. £2 and 11p

8a. £14 and 75p

Varied Fluency Giving Change

Developing

1b. Two jumps back: a jump of £1 landing on £4 and a jump of 25p to land on £3 and 75p. The change is £3 and 75p.

2b. £2 and 50p

3b. £1 and 10p

4b. £1 and 60p

Expected

5b. Three jumps back: a jump of £2 to land on £8, a jump of 20p to land on £7 and 80p and a final jump of 2p to land on £7 and 78p. The change is £2 and 22p.

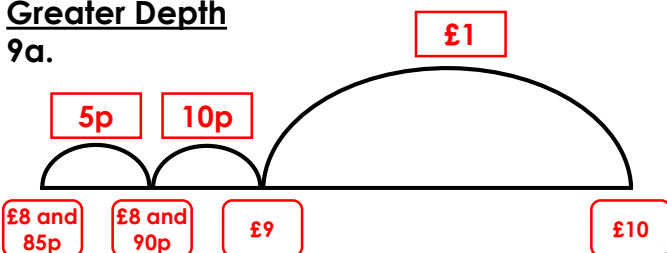
6b. 64p

7b. £1 and 73p

8b. £13 and 65p

Greater Depth

9a.



Alternatively, the amounts can be converted to pounds.

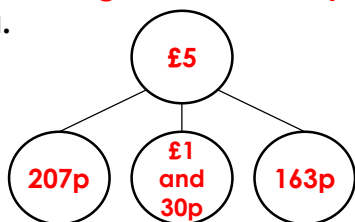
The change is 115p or £1 and 15p.

10a.

£5 or 500p		
239p	75p	£1 and 86p

The change is £1 and 86p or 186p.

11a.



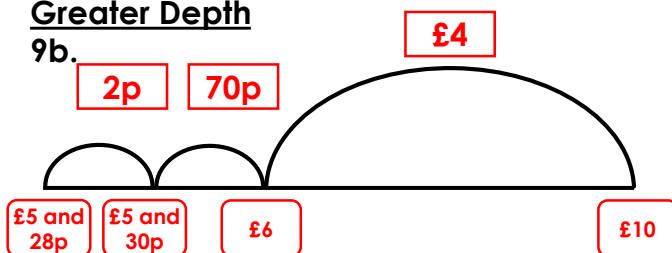
Alternatively, the amounts can be converted to pounds.

The change is £1 and 63p or 163p.

12a. The change is £6 and 24p or 624p.

Greater Depth

9b.



Alternatively, the amounts can be converted to pounds.

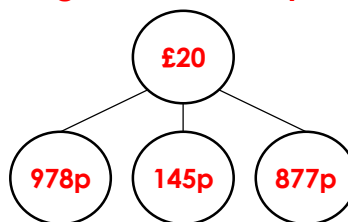
The change is 472p or £4 and 72p.

10b.

£10		
499p	275p	226p

The change is £2 and 26p or 226p.

11b.



Alternatively, the amounts can be converted to pounds.

The change is £8 and 77p or 877p.

12b. The change is £1 and 11p or 111p.