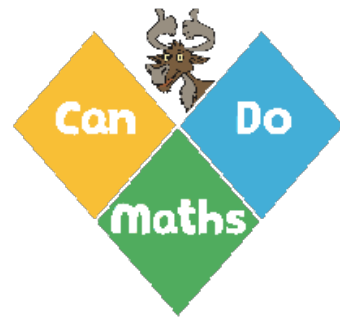




Colin and Coco's Deliberate Practice

Year 2 Unit 12

Measurement: Money **Answers**





Contents

This pack of deliberate practice is designed to be used flexibly to secure the manageable steps of this unit.

The table below indicates which activities are linked to which manageable steps.

	Do It	Challenge It	Play It
Combine £1, £2, £5 and £10 use the symbol for pounds (£)		1	
Find the sum of different amounts of pounds	1		
Combine 1p, 2p and 5p coins to make different totals			1
Combine 10p, 20p and 50p coins to make different totals		2	
Find the sum of different amounts of pence	2		
Find different combinations of coins that equal the same amounts of money			2
Calculate change from 50p		3	3
Calculate change from £1	3		3



Do It 1

Find the total amount of money:

$$£1 + £2 + £5 = \boxed{£8}$$

$$£10 + £20 + £15 = \boxed{£45}$$

$$£12 + £10 + £5 = \boxed{£27}$$

$$£1 + £2 + £10 = \boxed{£13}$$

$$£15 + £20 + £30 = \boxed{£65}$$

$$£13 + £22 + £10 = \boxed{£45}$$

$$£2 + £5 + £10 = \boxed{£17}$$

$$£5 + £30 + £35 = \boxed{£70}$$

$$£7 + £13 + £12 = \boxed{£32}$$

$$£5 + £10 + £10 = \boxed{£25}$$

$$£15 + £15 + £10 = \boxed{£40}$$

$$£9 + £10 + £8 = \boxed{£27}$$

Colin has a mixture of £1 and £2 coins and
£5 and £10 notes.

Challenge It 1

Investigate the different amounts he can make if he picks:

3 coins

3 notes

2 coins and 1 note

1 coin and 2 notes



Money, Money, Money Game

Play It 1

You need:

1p, 2p and 5p cards

To play:

The cards are placed face down.

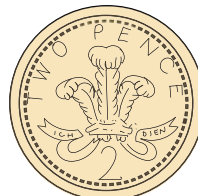
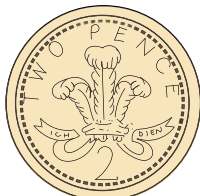
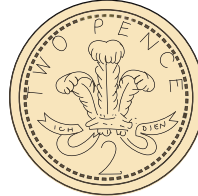
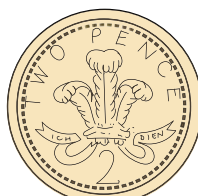
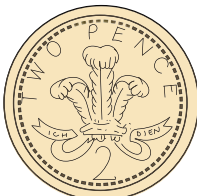
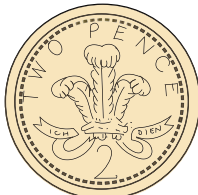
Each player picks 4 cards and works out the total.

The player with the largest total wins 1 point.

The cards are put back face down and shuffled.

To win:

The winner is the first player to score 10 points.





Do It 2

Find the total amount of money:

$$2p + 3p + 5p = \boxed{10p} \quad 10p + 20p + 15p = \boxed{45p} \quad 13p + 10p + 6p = \boxed{29p}$$

$$2p + 4p + 5p = \boxed{11p} \quad 23p + 21p + 30p = \boxed{74p} \quad 14p + 22p + 10p = \boxed{46p}$$

$$6p + 1p + 5p = \boxed{12p} \quad 14p + 26p + 25p = \boxed{65p} \quad 8p + 12p + 25p = \boxed{45p}$$

$$5p + 5p + 4p = \boxed{14p} \quad 19p + 11p + 8p = \boxed{38p} \quad 15p + 16p + 18p = \boxed{49p}$$

Coco has some 10p, 20p and 50p coins.
She chooses four coins.
Investigate how much money she might have.

Challenge It 2

$$\boxed{} p + \boxed{} p + \boxed{} p + \boxed{} p = \boxed{} p$$





How Many Coins? Game

Play It 2

You need:

3 Dice 1 - 6

Pile of 1p, 2p, 5p, 10p, 20p, 50p coins

To play:

Each player takes turns to roll the two dice to create a 2-digit amount of money.

Each player then rolls the 3rd dice.

If they roll 1, 2 or 3, they now use up to 4 coins from the pile to make their 2-digit amount of money.

If they roll 4, 5 or 6, they now use 5 or more coins from the pile to make their 2-digit amount of money

If it is not possible to make the amount, the player misses their go.

A player scores one point for each amount they make.

To win:

The winner is the first player to score 10 points.



Do It 3

Calculate the change from £1 if you spend:

20p

80p

25p

75p

23p

77p

4p

96p

40p

60p

45p

55p

32p

68p

13p

87p

65p

35p

5p

95p

59p

41p

41p

59p

85p

15p

55p

45p

88p

12p

97p

3p

What's my change?

Challenge It 3

Colin buys some sweets and pays with a 50p coin.
His change is 1 silver coin and 1 bronze coin.
Investigate how much he could have spent.

Colin buys some more sweets and pays with a 50p coin.
His change is 1 silver coin and 2 bronze coins.
Investigate how much he could have spent.

Colin buys some more sweets and pays with a 50p coin.
His change is 2 silver coins and 1 bronze coin.
Investigate how much he could have spent.



All Change Game

Play It 3

You need:

Number cards Set A

Number cards Set B

To play:

The cards from each set are mixed up and placed face down.

Player 1 turns over two cards from Set A

Player 2 turns over two cards from Set B.

Players use their cards to create a 2-digit amount of money to spend.

Player 1 calculates the change from 50p.

Player 2 calculates the change from £1

The player with the largest amount of change wins 1 point.

To win:

The winner is the first player to score 10 points.

Swap roles and play again.

Card Set A

3	2	3	4	2	4
3	4	4	3	2	4

Card Set B

9	7	8	7	9	8
9	8	6	7	7	8