How Much Money?

You have these coins:

Can you make these amounts in three different ways? Write the coins you would use. You can use any coin more than once.

5p

10p

20p

35p

How Much Money?

You have these coins:

Can you make these amounts in three different ways? Write the coins you would use. You can use any coin more than once.

25p

50p

37p

68p

How Much Money?

You have these coins:

Can you make these amounts in three different ways? Write the coins you would use. You can use any coin more than once.

£1

£1.25

£1.62

£2.89

Challenge: Find five amounts that you can make, using only silver coins. Write the coins you would use.

Total	Coins I would use

Do these amounts have anything in common?

Now, find five amounts that you **cannot** make using only silver coins. Write the coins you would use.

Total	Coins I would use

How Much Money? - Answers

5p

5p	2p 2p 1p	2p 1p 1p 1p

10p

10p	5p 5p	5p 2p 2p 1p

20p

20p	10p 10p	10p 5p 5p

35p

20p 10p 5p	20p 5p 5p 5p	10p 10p 10p 5p

How Much Money? - Answers

25p

20p 5p	10p 10p 5p	10p 5p 5p 5p

50p

50p	20p 20p 10p	20p 10p 10p 10p

37p

20p 10p 5p 2p	10p 10p 10p 2p 2p 2p 1p	20p 10p 5p 1p 1p

68p

50p 10p 5p 1p 2p	20p 20p 20p 2p 2p 2p 2p	50p 10p 5p 1p 1p 1p

How Much Money? - Answers

£1

£1	50p 50p	20p 20p 20p 20p 20p

£1.25

£1 20p 5p	£1 10p 10p 5p	50p 50p 20p 5p

£1.62

£1 50p 10p 2p	50p 50p 50p 10p 2p	£1 20p 20p 20p 1p 1p

£2.89

£1 £1 50p 20p 10p 5p 2p 2p	£1 £1 20p 20p 20p 20p 2p 2p 2p 2p 1p	£1 50p 50p 50p 20p 10p 5p 1p 1p 1p 1p

Challenge: Find five amounts that you can make, using only silver coins. Write the coins you would use. **Answers may vary. Here are some examples.**

Total	Coins I would use
5p	5p
10p	10p
35p	10p 10p 10p 5p
60p	50p 10p
95p	50p 20p 20p 5p

Do these amounts have anything in common? **They are all multiples of 5.**

Now, find five amounts that you cannot make using only silver coins. Show the coins you would use. **Answers may vary. Here are some examples.**

Total	Coins I would use
4p	2p 2p
13p	10p 2p 1p
21p	20p 1p
42p	20p 20p 2p
98p	50p 20p 20p 2p 2p 2p 2p