

£10 note

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The Busy Lizzie Maths Library

£10 note

Shamim had a £10 note.

He needed some coins, so he went to the bank, where they changed the note for some £1 and £2 coins.

How many coins did Shamim have?

How many £1 and £2 coins were there?

Find three different answers.



£10 note

Working systematically, here are the possible combinations.

$$£2 + £2 + £2 + £2 + £2 = £10$$

$$£2 + £2 + £2 + £2 + £1 + £1 = £10$$

$$£2 + £2 + £2 + £1 + £1 + £1 + £1 = £10$$

$$£2 + £2 + £1 + £1 + £1 + £1 + £1 + £1 = £10$$

$$£2 + £1 + £1 + £1 + £1 + £1 + £1 + £1 + £1 = £10$$

$$£1 + £1 + £1 + £1 + £1 + £1 + £1 + £1 + £1 + £1 = £10$$