

Year 3 Maths 22.1.21 – Gold challenge

Giving Change

7a. A packet of crisps costs 147p. Jed buys 2 packets. He gives the shop keeper a £5 note.

A.

B.

Which is correct? Prove it.


7b. A lolly costs 107p. George buys 2 lollies. He gives the shop keeper a £5 note.


A.

B.

Which is correct? Prove it.


8a. Charlotte bought a jigsaw and a yoyo. She paid with a £10 note. In her change she got a £2 coin, three different silver coins and one bronze coin.






How much could the jigsaw cost? Show your working.


8b. Kate bought a boat and a bucket and spade. She paid with a £20 note. In her change she got one note, a £1 coin, two of the same silver coins and four bronze coins.






How much could the boat cost? Show your working.

9a. Jack bought a sandwich and a can of pop. He paid with a £10 note. Which coins might he get in his change? Give 3 possible answers.





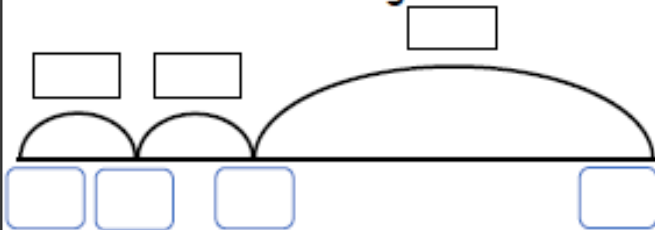
9b. Amy bought a packet of crisps and a bottle of water. She paid with a £10 note. Which coins might she get in her change? Give 3 possible answers.





Giving Change

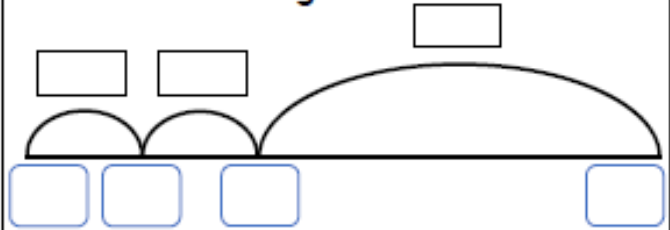
9a. Jacob buys a DVD for 675p and a bag of sweets for £2 and 10p. He pays with a £10 note. Complete the number line to work out his change.



VF

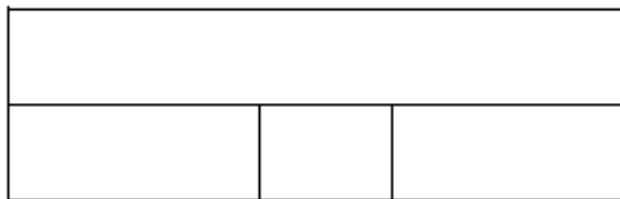
Giving Change

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.



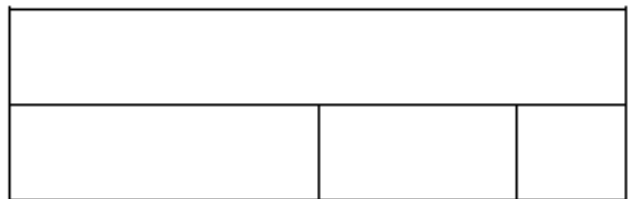
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10a. Elsie buys a toy car for 239p and a cereal bar for 75p. She pays with a £5 note. Complete the bar model in words to show what her change will be?



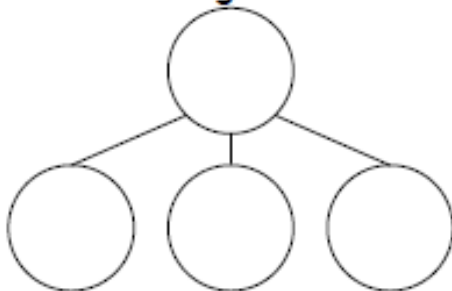
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10b. Jamie buys a box of chocolates for 499p and some pop for 275p. He pays with a £10 note. Complete the bar model in words to show what his change will be?



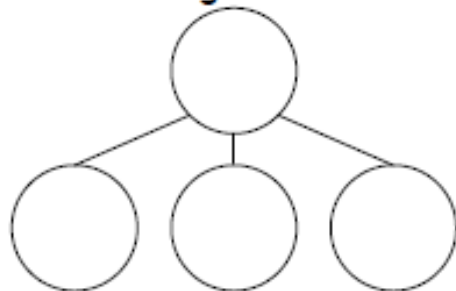
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11a. Joe buys some stickers for 207p and a drink for £1 and 30p. He pays with a £5 note. Complete the part-whole model to calculate his change.



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