Estimating money

1 **a)** Complete the number line.

£2 | £2·10 | £2·20 | £2·30 | £2·40 | £2.50 | £2·60 | £2·70 | £2·80 | £2·90 | £3

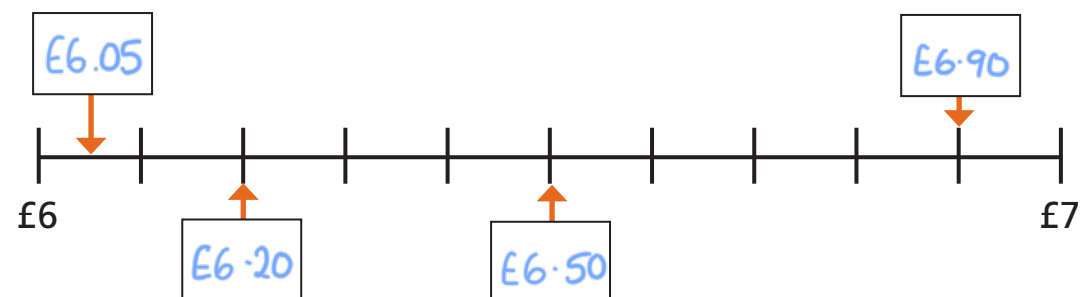**b)** Circle the amounts that round to £3

c) What do you notice about the amounts that round to £2 and the amounts that round to £3?
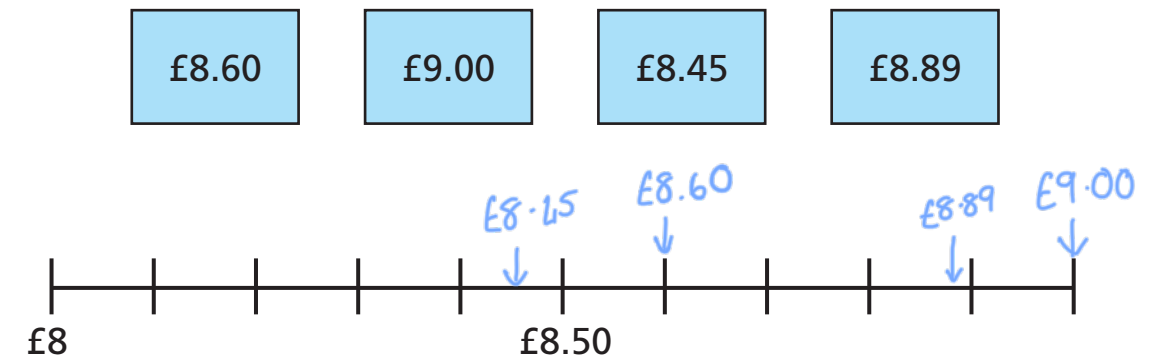
2 Here are some amounts of money.

£6.90   £6.20   £6.50   £6.05

a) Use the amounts to label the number line.

£6.05   £6·20   £6·50   £6·90

£6   £7

b) Sort the amounts into the table.

Rounds to £6	Rounds to £7
£6.05 £6·20	£6·50 £6·90

3 **a)** Draw arrows to estimate where each amount is on the number line.

£8.60   £9.00   £8.45   £8.89

£8·45   £8.60   £8·89   £9·00

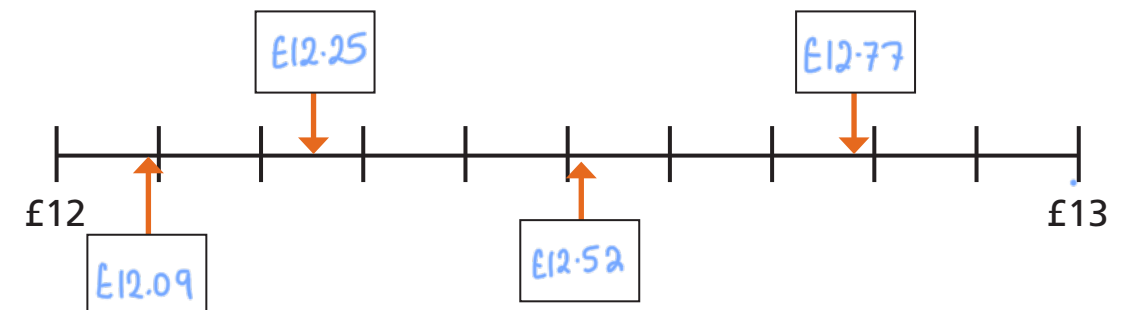£8   £8.50

Which amounts were difficult to place on the number line?

b) Which amounts round to £9?

£8·60   £8·89

4 **a)** Write an estimate for each of the missing amounts.

£12·25   £12·77

£12   £13

£12.09   £12·52

b) Which amounts round to £12?

£12·52   £12·77

5 Eva buys a book for £4.85 and a pen for £2.70

> The total will be approximately £6 because £4 plus £2 is £6

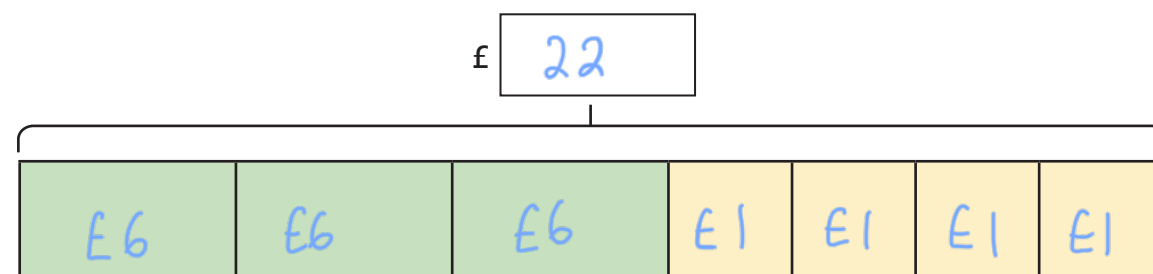What would be a more accurate estimate for Eva to make?

£5 + £3 = £8

Explain your answer.

6 A football costs £5.65 and cones cost £1.49 each.

Alex wants to buy three footballs and four cones for the football team.

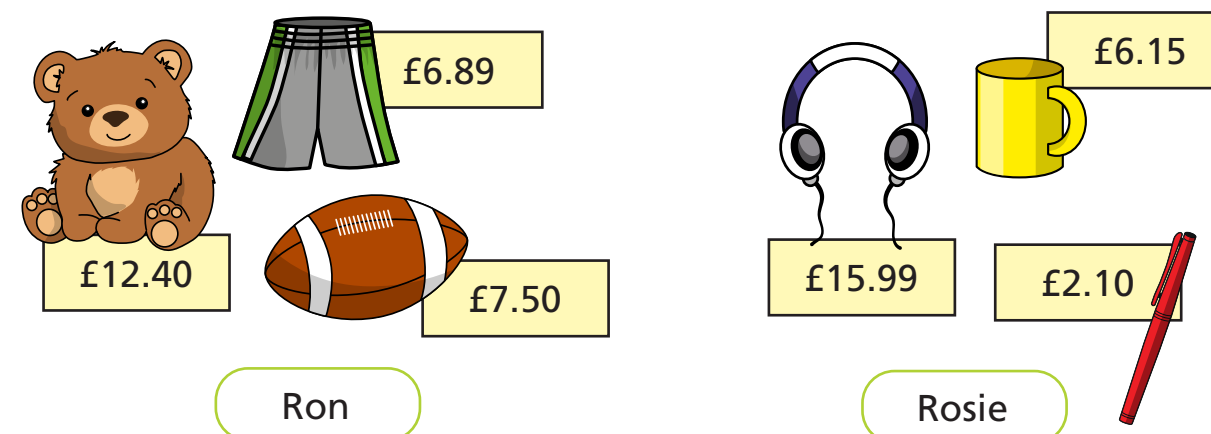**a)** Round the amounts and complete the bar model to estimate the total cost.

£ | 22 |

| £6 | £6 | £6 | £1 | £1 | £1 | £1 |

b) Alex has this much money.

Does Alex have enough money?

Talk about it with a partner.

7 Ron and Rosie have bought these items.

£6.89

£6.15

£12.40

£7.50

£15.99   £2.10

Ron   Rosie

Round each amount to find an approximate total.

Write <, > or = to compare Ron and Rosie's totals.

Rosie's total   **Ron's total**

£24   <   £27

8 Filip is thinking of an amount of money.

- The amount rounds to £22 to the nearest pound.
- In the pence, there is an even amount of ones and an odd amount of tens.
- In the pence, the tens digit is less than the ones digit.

What amounts could Filip be thinking of?

e.g   £21·78

Compare answers with a partner.