Rounding money

Discover

1 **a)** Round each number to the nearest 10p.

b) Round each number to the nearest pound.

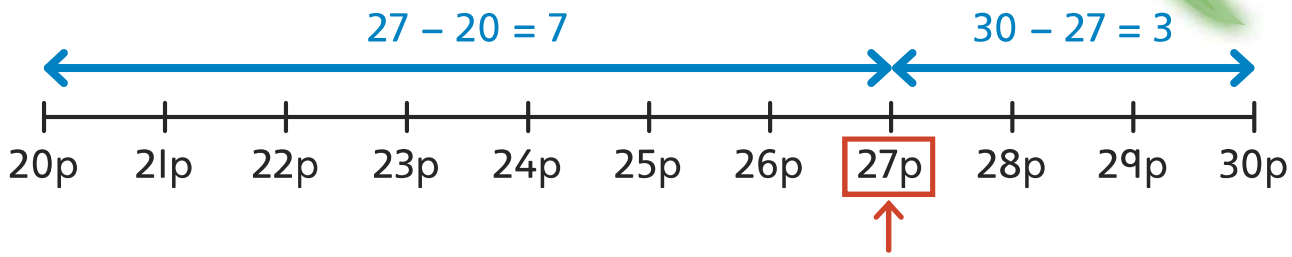
Why might Ebo and Zac be rounding their numbers?

Key 1p 2p 5p 10p 20p 50p £1 £2

Share

I notice that the difference between 27 and 20 is 7 and the difference between 27 and 30 is 3.

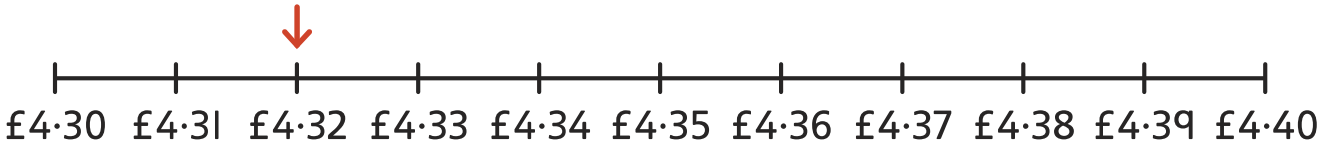
a) 27p lies between 20p and 30p.



27p is closer to 30p than 20p.

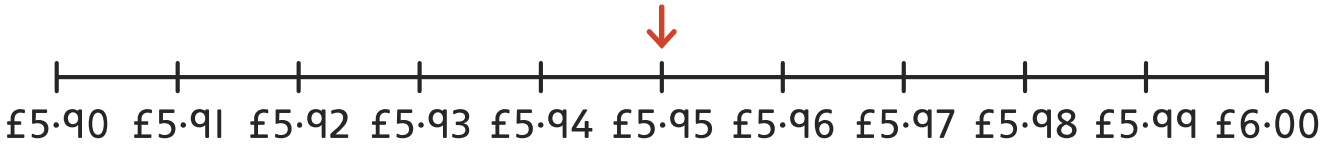
So 27p rounded to the nearest 10p is 30p.

£4·32 lies between £4·30 and £4·40.



£4·32 rounded to the nearest 10p is £4·30.

£5·95 lies between £5·90 and £6·00.



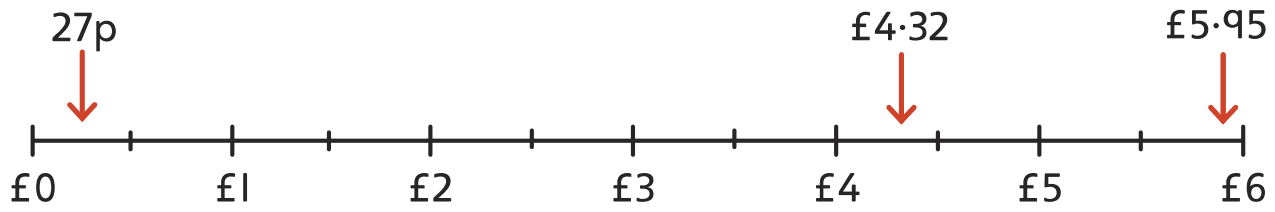
£5·95 rounded to the nearest 10p is £6.

What about £5·95? It is in the middle. I think I round up to £6·00.

Maths has a rule: when a number is in the middle, we round up.

£5 £10 £20 £50

b)



27p rounds to £0 to the nearest pound.

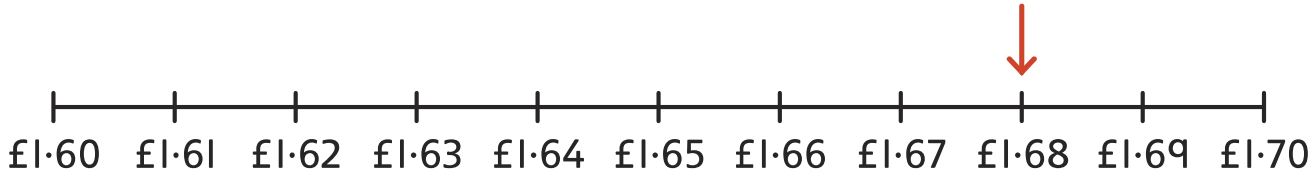
£4·32 rounds to £4 to the nearest pound.

£5·95 rounds to £6 to the nearest pound.

Ebo and Zac might be rounding a number to the nearest 10p or pound to work out a quick estimate of the total cost or to estimate the difference between two amounts.

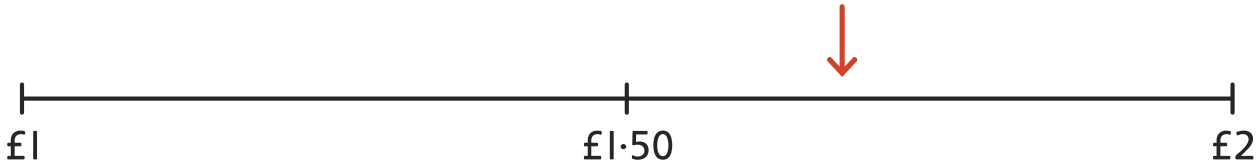
Think together

1 **a)** Round £1·68 to the nearest 10 pence.



£1·68 rounded to the nearest 10 pence is £ ☐ .

b) Round £1·68 to the nearest pound.



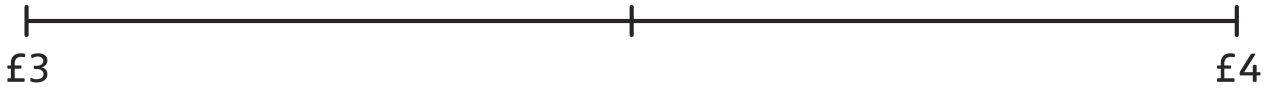
£1·68 rounded to the nearest pound is £ ☐ .

Key 1p 2p 5p 10p 20p 50p £1 £2

2 **a)** Round £3·25 to the nearest ten pence.

£3·25 rounded to the nearest ten pence is £ ☐ .

b) Round £3·25 to the nearest pound.

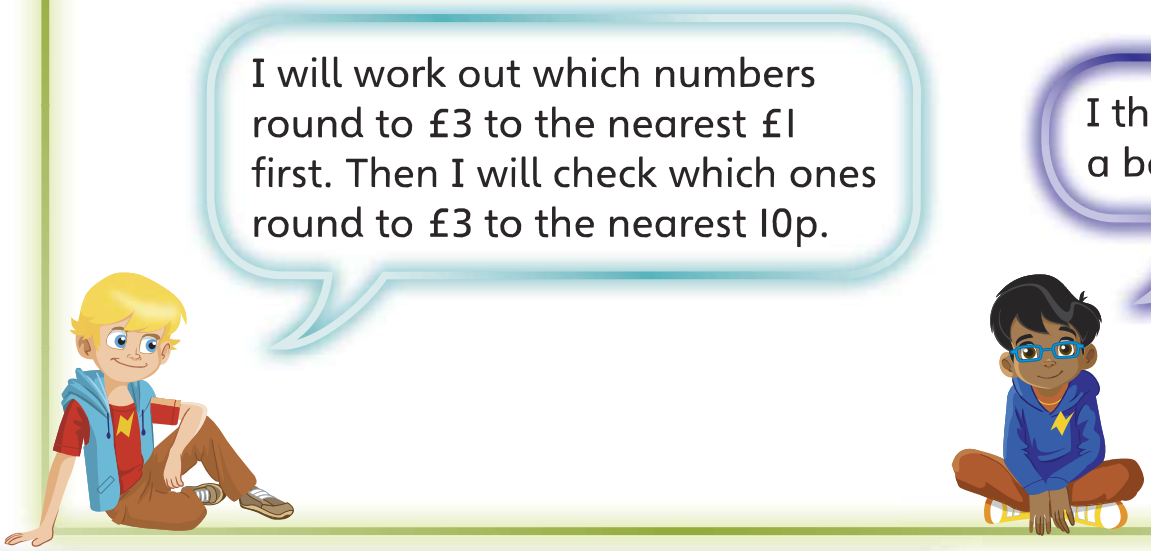


£3·25 rounded to the nearest pound is £ ☐ .

3 Which of the following round to £3 when rounded to both the nearest 10p **and** nearest pound?

CHALLENGE

£3·49	£3·04	£3·14
£2·87	£2·25	£2·99



→ Practice book 4C p38