

NO calculator allowed. You may want to use extra paper to show your workings out.

1. A shop sells the same type of fish fingers in two different sizes.

a box of 10 fish fingers for £1.75

a box of 30 fish fingers for £5.00

Which box is best value for money?

You must show all your working.

2. A shop sells the same type of butter in two different size packs.

250 g pack of butter for £1.19

500 g pack of butter for £2.25

Which pack is best value for money?

You must show all your working.

3. A shop sells the same type of rice in two different sizes

a 500 g packet of rice for £0.85

a 2 kg packet of rice for £3.30

Which packet is best value for money?

You must show all your working.

4. A shop sells the same type of orange juice in two different sizes.

200 ml carton of orange juice for 29 pence

1 litre carton of orange juice for £1.20

Which carton is best value for money?

You must show all your working.

Answers

1) box of 30 because $3 \times 10 = 30$ and $3 \times £1.75 = £5.25$ and $£5.25 > £5.00$

2) 500 g because $2 \times 250 \text{ g} = 500 \text{ g}$ and $2 \times £1.19 = £2.38$ and $£2.38 > £2.25$

3) 2 kg because $4 \times 500 \text{ g} = 2 \text{ kg}$ and $4 \times £0.85 = £3.40$ and $£3.40 > £3.30$

4) 1 litre because $200 \text{ ml} \times 5 = 1 \text{ litre}$ and $5 \times 29 \text{ pence} = £1.45$ and $£1.45 > £1.20$