

Number – Best Buy

I can buy coffee in three different size jars

The 150g jar costs 99p, the 250g jar costs £1.59 and a large 1kg jar costs £6.49.

Which jar is the best value?

- Make sure all the prices are in the same unit
 - It's often easier to use pence
- Make sure all the amounts are in the same unit
- For each size, calculate price ÷ amount
- Look for the lowest answer

Small jar
 $99 \div 150 = 0.66$

Medium jar
£1.59 = 159p
 $159 \div 250 = 0.636$

Large jar
1kg = 1000g
£6.49 = 649p
 $649 \div 1000 = 0.649$

Lowest answer

The 250g jar is the best value.
It has the lowest price per gram

I want to buy some trainers in a sale.
I can buy some the cost £44.99 that are reduced by 25% or some that cost £52.40 that are reduced by a third.

Which trainers are cheaper?

£44.99 trainers

$$44.99 \div 100 \times 25 = 11.2475$$

$$44.99 - 11.2475 = 33.7425$$

Sale price £33.74

cheaper

£52.40 trainers

$$52.40 \div 3 = 17.4666$$

$$52.4 - 17.4665 = 34.9333$$

Sale price £34.93

Don't forget to round money to 2dp

The £44.99 trainers will be cheaper in the sale