

Best buy and comparison

1. Compare the following pairs of products and state which the best buy is?. Explain why. Show your working.

a Coffee: a medium jar which contains 140 g for £1.10 or a large jar which contains 300 g for £2.18

a. _____

b Beans: a 125 g tin at 16p or a 600 g tin at 59p

b. _____

c Flour: a 3 kg bag at 75p or a 5 kg bag at £1.20

c. _____

d Toothpaste: a large tube containing 110 ml for £1.79 or a medium tube containing 75 ml for £1.15

d. _____

e Chocolates: a large box which contains 750 g for £1.64 or a medium box which contains 500 g for £1.10

e. _____

f Butter which contains 440 g for £1.64 or a large box which contains 600 g for £2.13

f. _____

g Hair shampoo: a bottle containing 400 ml for £1.15 or a bottle containing 550 ml for £1.60

g. _____

2. Julie wants to re-spray her car with yellow paint. In the local auto mart, she sees the following tins:

Small tin 350 ml at a cost of £1.79

Medium tin 500 ml at a cost of £2.40

Large tin 1.5 litres at a cost of £6.70

a What is the cost per litre of paint in the small tin?

b Which tin is offered at the lowest price per litre?

3. Two drivers are comparing the petrol consumption of their cars.

Andrew says, 'I get 320 miles on a tank of 45 litres.'

John says, 'I get 230 miles on a tank of 32 litres.'

Whose car is the more economical?

4. Mary and Jane are arguing about which of them is better at mathematics.

Mary scored 49 out of 80 on a test.

Jane scored 60 out of 100 on a test of the same standard.

Who is better at mathematics?

5. Paula and Kelly are comparing their running times.

Paula completed a 10-mile run in 65 minutes.

Kelly completed a 10-kilometre run in 40 minutes.

Given that 8 kilometres are equal to 5 miles, which girl has the greater average speed?
