

Best Buys/Value for Money

(a) 1000ml of lemonade costs 60p.
440ml of lemonade costs 35p. Which is better value for money?

$$(a) \frac{60}{1000} = 0.06 \quad \frac{35}{440} = 0.08$$

1000ml of lemonade

(b) 95m of rope costs £7.40. 80m of rope costs £6.90. Which is better value for money?

$$(b) \frac{740}{95} = 7.79 \quad \frac{690}{80} = 8.63$$

95m of rope

(c) 5 litres of paint costs £3.40. 2 litres costs £1.60. Which is better value for money?

$$(c) \frac{340}{5} = 68 \quad \frac{160}{2} = 80$$

5 litres of paint

(d) Which is better value? 200 ml juice at 19p or 1.1 litre juice at 97p.

$$(d) \frac{19}{200} = 0.095 \quad \frac{97}{1100} = 0.088$$

1.1 litre juice

(e) Which is better value? 9m foil for 89p, 85cm foil for 8p, or 4m foil for 50p?

$$(e) \frac{89}{9} = 9.89 \quad \frac{8}{0.85} = 9.41 \quad \frac{50}{4} = 12.5$$

85cm foil

(f) The supermarket sells three sizes of shampoo. Which is the best value shampoo?

400ml	300ml	200ml
£3.59	£2.99	£2.19

$$(f) \frac{359}{400} = 0.898 \quad \frac{299}{300} = 0.997 \quad \frac{219}{200} = 1.095$$

400ml

(g) Plants are sold in three different sizes of tray.

A small tray of 30 plants costs £6.50.
A medium tray of 40 plants costs £8.95.
A large tray of 50 plants costs £10.99.

Kaz wants to buy the tray of plants that is the best value for money. Which size of tray of plants should she buy?

You must show all your working out.

$$(g) \frac{650}{30} = 21.67 \quad \frac{895}{40} = 22.38 \quad \frac{1099}{50} = 21.98$$

Small tray.

(h) Ketchup is sold in three different sizes of bottle. A **small** bottle contains 342g of ketchup and costs 88p. A **medium** bottle contains 570g of ketchup and costs £1.95. A **large** bottle contains 1.5 kg of ketchup and costs £3.99. Which bottle is the best value for money?

$$(h) \frac{88}{342} = 0.257$$

$$\frac{195}{570} = 0.342$$

$$\frac{399}{1500} = 0.266$$

Small bottle.