Guide to:
Best buy questions

maths Links

Explanation:

Best buy questions ask you to compare two or more offers and decide which one is better value for money. Always check that the units match first (for example, convert kilograms to grams using 1 kg = 1000 g, or litres to millilitres using 1 litre = 1000 ml).

Next, divide the price by the quantity to find the cost for a common amount (such as 1 item, 100 g, or 100 ml). On non-calculator papers, converting pounds into pence first avoids awkward decimals. Always finish with a clear sentence stating which option is better value.

Example Question 1:

A **300 g** jar of honey costs **£2.40**.
A **500 g** jar of honey costs **£3.85**.
Which jar is better value for money?

Solution:

Find the cost of **100 g** for each jar:

- **300 g jar:** 240p ÷ 3 = **80p per 100 g**
- **500 g jar:** 385p ÷ 5 = **77p per 100 g**

77p < 80p, so the **500 g jar** is better value.

Example Question 2:

Cola is sold in a **pack of 6 cans (330 ml each)** for **£2.97**, or a **2 litre bottle** for **£2.70**.
Which option is better value for money?

Solution:

Convert both to **ml** (6 × 330 = 1980 ml; 2 L = 2000 ml):

- **6 cans (1980 ml):** 297p ÷ 19.8 = **15p per 100 ml**
- **2 L bottle (2000 ml):** 270p ÷ 20 = **13.5p per 100 ml**

13.5p < 15p, so the **2 litre bottle** is better value.

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Ken Stafford (Past Paper Qs)	Qs	Ans	**Maths Made Easy**	Qs	Ans
Maths Genie	Qs	Ans	**Metatutor**	Qs	Ans
Corbettmaths (Practice)	Qs	Ans	**Maths Takeaway**	Qs	Ans
Corbettmaths (Textbook)	Qs	Ans	**E Classroom**	Qs	Ans
Ken Stafford (Worksheet)	Qs	Ans	**PMT (Edexcel)**	Qs	Ans

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ken@mathslinks.co.uk