Exam Style Questions

Best Buys

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser
You may use tracing paper if needed

Guidance

1. Read each question carefully before you begin answering it.
2. Don’t spend too long on one question.
3. Attempt every question.
4. Check your answers seem right.
5. Always show your workings

Revision for this topic

Secondary

Video 210

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1. Water is sold in two sizes.

Which is the better value for money?
You must show all your working.

2. The same type of dinner plate is sold in two different packs.

Which is the better value for money?
You must show all your working.
3. Vegetarian burgers are sold in two different sizes.

Which size packet is the better value for money?
You must show all your working.
4. James and Maddie are selling cupcakes.

James sells 6 cupcakes for £5
Maddie sells 4 cupcakes for £3.50

Which is better value?
You must show all your working.
5. Cooking oil is sold in two sizes of cans.

A small can contains 4 litres of cooking oil and costs £2.20
A large can contains 6 litres of cooking oil and costs £3.24

Which size of can gives the better value for money?
You must show all your working.
6. A shop sells doughnuts in two different size bags.

\[
\begin{array}{|c|c|}
\hline
\text{Small bag} & \text{Large bag} \\
\text{Contents} & \text{Contents} \\
3 \text{ doughnuts} & 5 \text{ doughnuts} \\
\hline
£1.08 & £1.70 \\
\hline
\end{array}
\]

Which is the better value for money?
You must show all your working.

7. Snacks can be bought in

- a pack of 8 biscuits for £1.92
- a pack of 10 biscuits for £2.55

Which of these two packs is better value for money?
You must show all your working.
8. A shop sells Cola in three different size bottles.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Litre</td>
<td>£1.99</td>
</tr>
<tr>
<td>600ml</td>
<td>62p</td>
</tr>
<tr>
<td>1.5 Litre</td>
<td>£1.53</td>
</tr>
</tbody>
</table>

Which size bottle is the best value for money?
You must show all your working.

9. There are two different packets of the same type of paper in a shop.

<table>
<thead>
<tr>
<th>Sheets</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 sheets Small</td>
<td>75p</td>
</tr>
<tr>
<td>400 sheets Regular</td>
<td>£2.08</td>
</tr>
</tbody>
</table>

Which of the two packets gives the better value for money?
You must show your working.
10. Bramley apples cost £4.60 for a 3kg bag at Supervalue supermarket. The same type of apples cost £11.40 for a 7.5kg bag at Nixon’s supermarket. Where are the apples the best value for value? You must show your working.

11. Candles normally cost £6 each. Two websites have special offers

   Corbettmaths Candles  Candles' R'us
   Buy 3 get 1 free     20% off

Laura wants to buy 30 candles. Which website should Laura use?
12. Two shops sell the same type of perfume. A 100ml bottle of perfume normally costs £40.

Rebecca says that both offers give the same value for money. Is she correct? Show your working.
13. A supermarket sells Baked Beans in two different size cans.

![Image of Baked Beans cans with 215g and 395g sizes, 40p and 74p prices]

Which size can is the best value for money?
You must show all your working.

In Ireland, a 20km train journey costs €10.85

At the time £1 = €1.40

Which train journey is better value?