Sale!

This problem gives you the chance to:
• work with sales discount offers and percents

The following price reductions are available.

Two for the price of one  Buy one and get 25% off the second

Buy two and get 50% off the second one  Three for the price of two

1. Which of these four different offers gives the biggest price reduction?

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Explain your reasoning clearly.

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2. Which of these four different offers gives the smallest price reduction?

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Explain your reasoning clearly.

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The core elements of performance required by this task are:
• work with sales discount offers and percents

Based on these, credit for specific aspects of performance should be assigned as follows

<table>
<thead>
<tr>
<th>Section</th>
<th>Points</th>
<th>Percentage Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. <strong>Gives correct answer Two for the price of one.</strong>&lt;br&gt;Gives an explanation distinguishing which is the best buy.&lt;br&gt;Ranks all items by sample cost per item, % reduction per item, or fractional cost per item, such as:&lt;br&gt;If the original price of one item is $100, then&lt;br&gt;Two for the price of one means that each item costs $50 or 50% of the original price.&lt;br&gt;Buy one and get 25% off the second means that each item costs $87.50 or 87.5% of the original price.&lt;br&gt;Buy two and get 50% off the second means that each item costs $75 or 75% of the original price.&lt;br&gt;Three for the price of two means that each item costs $66.67 or 66.7% of the original price</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>2. <strong>Gives correct answer: Buy one and get 25% off the second</strong>&lt;br&gt;Gives an explanation distinguishing between the two lowest reductions or explains why this is the worst choice.</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total Points**: 9