The following chart contains the amounts of ingredients for a parmesan omelette.

<table>
<thead>
<tr>
<th>Servings</th>
<th>Eggs</th>
<th>Milk</th>
<th>Chopped Onions</th>
<th>Parmesan Cheese</th>
<th>Butter</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>5</td>
<td>1/8 cup</td>
<td>1/2 cup</td>
<td>3 tsp.</td>
<td>3/4 tsp</td>
</tr>
<tr>
<td>4</td>
<td>10</td>
<td>1/4 cup</td>
<td>1 cup</td>
<td>6 tsp.</td>
<td>1-1/2 tsp</td>
</tr>
<tr>
<td>6</td>
<td>15</td>
<td>3/8 cup</td>
<td>1-1/2 cups</td>
<td>9 tsp.</td>
<td>2-1/4 tsp</td>
</tr>
</tbody>
</table>

1) How much parmesan cheese would be needed to make enough omelette for 5 people? Express as a whole or mixed number.
   A) $9\frac{1}{2}$ tsp.  
   B) $8\frac{1}{2}$ tsp.  
   C) $7\frac{1}{8}$ tsp.  
   D) $7\frac{1}{2}$ tsp.

2) If the amount of onions per serving were increased by 1/8 cup, how much onion would be needed to prepare the omelette for 5 people? Express as a whole or mixed number.
   A) $2\frac{7}{8}$ cups  
   B) $2\frac{7}{32}$ cups  
   C) $1\frac{7}{8}$ cups  
   D) $1\frac{7}{16}$ cups

3) If you cut the amount of salt per serving in half, how much salt would be used for 8 servings? Express as a reduced fraction.
   A) $\frac{5}{16}$ tsp.  
   B) $\frac{3}{8}$ tsp.  
   C) $\frac{1}{4}$ tsp.  
   D) $\frac{1}{2}$ tsp.
Answer Key
Testname: MAT0020_APPLICATIONS OF PROPORTIONS II

1) D
2) C
3) C