1. Five figures are shown. Draw the next figure in the pattern.

```
\[ \text{Figure 1} + \text{Figure 2} + \text{Figure 3} + \text{Figure 4} + \text{Figure 5} \]
```

2. Draw the next two shapes in the pattern.

```
\[ \text{Shape 1} + \text{Shape 2} + \text{Shape 3} + \text{Shape 4} + \text{Shape 5} \]
```

3. Write the next number in each pattern.

   a. 30, 60, 90, 120, ________  
   b. 512, 256, 128, 64, ________  
   c. 8, 15, 22, 29, ________  
   d. 214, 202, 190, 178, ________

4. Use the rule double minus 2 to fill in the missing numbers.

<table>
<thead>
<tr>
<th>Number</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>10</th>
<th>25</th>
<th>99</th>
<th>999</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quadruple plus 5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>