3. [6 points] The values of the functions $f(x)$, $g(x)$ and $h(x)$ are given below.

<table>
<thead>
<tr>
<th>$x$</th>
<th>0</th>
<th>4</th>
<th>8</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>$f(x)$</td>
<td>100</td>
<td>20</td>
<td>4</td>
<td>0.8</td>
</tr>
<tr>
<td>$g(x)$</td>
<td>3.6</td>
<td>4.7</td>
<td>5.8</td>
<td>6.9</td>
</tr>
<tr>
<td>$h(x)$</td>
<td>$-4$</td>
<td>$-3.6$</td>
<td>$-3$</td>
<td>$-0.9$</td>
</tr>
</tbody>
</table>

a. [2 points] Which of the following functions could be linear? Circle all that apply.

$f(x)$  
$g(x)$  
$h(x)$  
None of these

b. [2 points] Which of the following functions could be exponential? Circle all that apply.

$f(x)$  
$g(x)$  
$h(x)$  
None of these

c. [2 points] Which of the following functions could be concave up? Circle all that apply.

$f(x)$  
$g(x)$  
$h(x)$  
None of these