9. [8 points] The following table gives values of several functions at different points. Use the table to answer the questions below.

<table>
<thead>
<tr>
<th>$t$</th>
<th>-3</th>
<th>-2</th>
<th>-1</th>
<th>0</th>
<th>3</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>$X(t)$</td>
<td>-2</td>
<td>-1</td>
<td>-2</td>
<td>0</td>
<td>-2</td>
<td>-3</td>
</tr>
<tr>
<td>$Y(t)$</td>
<td>-3</td>
<td>-12</td>
<td>-1</td>
<td>-2</td>
<td>0</td>
<td>-2</td>
</tr>
<tr>
<td>$Z(t)$</td>
<td>-0.5</td>
<td>-3</td>
<td>-2</td>
<td>-3</td>
<td>9</td>
<td>12</td>
</tr>
</tbody>
</table>

**a. [2 points]** Could $X(t)$ be an odd function or an even function or can you be sure it’s neither even nor odd? Circle your answer.

- [ ] could be even
- [ ] could be odd
- [x] couldn’t be even or odd

**b. [6 points]** Which of the following transformations of $X(t)$ could be $Y(t)$, and which could be $Z(t)$? Write the letter(s) corresponding to your answers in the space provided. There could be more than one answer for each blank.

(A) $\frac{1}{2}X(3t + 3) - 2$
(B) $2X(-\frac{1}{3}t) + 1$
(C) $X(-t + 3)$
(D) $X(t - 1) - 1$

$Y(t)$ could be (C).

$Z(t)$ could be (A),(D).