6.NS Above and below sea level

Task

The table below shows the lowest elevation above sea level in three American cities.

<table>
<thead>
<tr>
<th>City</th>
<th>State</th>
<th>Elevation above sea level</th>
<th>Elevation below sea level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Denver</td>
<td>Colorado</td>
<td>5130</td>
<td></td>
</tr>
<tr>
<td>New Orleans</td>
<td>Louisiana</td>
<td>-8</td>
<td></td>
</tr>
<tr>
<td>Seattle</td>
<td>Washington</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

Finish filling in the table as you think about the following statements. Decide whether each of the following statements is true or false. Explain your answer for each one.

a. New Orleans is $|{-8}|$ feet below sea level.
b. New Orleans is $-8$ feet below sea level.
c. New Orleans is 8 feet below sea level.
d. Seattle is 0 feet above sea level.
e. Seattle is $|0|$ feet below sea level.
f. Denver is $-5130$ feet below sea level.
g. Denver is $|{-5130}|$ feet below sea level.
h. Denver is $|-5130|$ feet below sea level.