<table>
<thead>
<tr>
<th>Equation</th>
<th>Check</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3x + 2 = 11$</td>
<td></td>
</tr>
<tr>
<td>$-8 = -3t + 25$</td>
<td></td>
</tr>
<tr>
<td>$\frac{x}{9} - 18 = -17$</td>
<td></td>
</tr>
<tr>
<td>$\frac{2x + 1}{5} = -1$</td>
<td></td>
</tr>
<tr>
<td>$-(2x+1) = -83$</td>
<td></td>
</tr>
</tbody>
</table>

A rectangle has the following dimensions and the area is $11x$, write an equation and solve for $x$. 

\[
\begin{array}{c}
5x + 1 \\
\hline
2
\end{array}
\]
Given the distance formula, \( d=rt \), solve the equation for \( r \).

Given the equation for interest earned, \( I = Prt \), solve the equation for \( P \).

Given the formula for the area of a trapezoid, \( A = \frac{1}{2} h (b_1 + b_2) \), solve the equation for \( h \).

Solve this equation, and write down the properties used.

\[
\begin{align*}
2(x+4) &= 10 \\
2x+8 &= 10 \\
2x &= 2 \\
1x &= 1 \\
x &= 1
\end{align*}
\]