Solve for the Variables

1. \( \frac{y}{5} + 11 = 13 \)
2. \( \frac{x}{6} + 10 = 12 \)

3. \( \frac{11 + 10}{y + 6} = 3 \)
4. \( 11 + (7 \times x + 1) - 1 + (8 \times x) = 146 \)

5. \( \frac{11}{y} = 1 \)
6. \( 10 \times (8 + y) = 190 \)

7. \( \frac{x}{12} + 7 = 7 \)
8. \( 6 \times (5 - y) = -18 \)

9. \( 8 + \frac{y}{11} = 8 \)
10. \( \frac{7 + 11}{x + 4} = 2 \)
<table>
<thead>
<tr>
<th></th>
<th>Equation</th>
<th>Solution</th>
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<tbody>
<tr>
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<td>( y = 12 )</td>
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<td>2</td>
<td>( \frac{x}{6} + 10 = 12 )</td>
<td>( x = 10 )</td>
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<td>( y = 1 )</td>
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<tr>
<td>4</td>
<td>( 11 + (7 \times x + 1) - 1 + (8 \times x) = 146 )</td>
<td>( x = 9 )</td>
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