# Exploring mode worksheet

<table>
<thead>
<tr>
<th>Input</th>
<th>Output in exact mode</th>
<th>Output in approx. mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>( \frac{6}{10} )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.1 + 0.04</td>
<td></td>
<td></td>
</tr>
<tr>
<td>( \frac{1}{2} + \frac{2}{3} )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.2^2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2^{0.5}</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 \times \sqrt{2}</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 \times 0.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a + 0.5 a</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solve ( x^2 = 0.25 ) for ( x )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solve ( x^2 + x = 1.5 ) for ( x )</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>