# Create a Test Planner

**Directions:** Use this planner to help create your exam. This planner will be your answer key. Attach notebook paper to show your work (how to solve each equation using the strategy you selected). **Hint:** Do not include products and quotients on draft 1 of posttest®. Don’t forget to attach your reflection.

## Multiplication Facts

**Sentence Frame:** Solve the equation \( \underline{\text{______}} \times \underline{\text{______}} = \underline{\text{______}} \) and model with a (insert strategy)

<table>
<thead>
<tr>
<th>Equation</th>
<th>Strategy I will assess:</th>
</tr>
</thead>
</table>
| \( \underline{\text{______}} \times \underline{\text{______}} = \underline{\text{______}} \) | o Picture Models (array or equal groups)  
o Number Line  
o Words to Explain  
o Part-Part Whole  
o Related Facts |
| \( \underline{\text{______}} \times \underline{\text{______}} = \underline{\text{______}} \) | o Picture Models  
o Number Line  
o Words to Explain  
o Part-Part Whole  
o Related Facts |
| \( \underline{\text{______}} \times \underline{\text{______}} = \underline{\text{______}} \) | o Picture Models  
o Number Line  
o Words to Explain  
o Part-Part Whole  
o Related Facts |
| \( \underline{\text{______}} \times \underline{\text{______}} = \underline{\text{______}} \) | o Picture Models  
o Number Line  
o Words to Explain  
o Part-Part Whole  
o Related Facts |

## Division Facts

**Sentence Frame:** Solve the equation \( \underline{\text{______}} + \underline{\text{______}} = \underline{\text{______}} \) and model with a (insert strategy)

<table>
<thead>
<tr>
<th>Equation</th>
<th>Strategy I will assess:</th>
</tr>
</thead>
</table>
| \( \underline{\text{______}} + \underline{\text{______}} = \underline{\text{______}} \) | o Picture Models  
o Number Line  
o Words to Explain  
o Part-Part Whole  
o Related Facts |
| \( \underline{\text{______}} + \underline{\text{______}} = \underline{\text{______}} \) | o Picture Models  
o Number Line  
o Words to Explain  
o Part-Part Whole  
o Related Facts |
| \( \underline{\text{______}} + \underline{\text{______}} = \underline{\text{______}} \) | o Picture Models  
o Number Line  
o Words to Explain  
o Part-Part Whole  
o Related Facts |
| \( \underline{\text{______}} + \underline{\text{______}} = \underline{\text{______}} \) | o Picture Models  
o Number Line  
o Words to Explain  
o Part-Part Whole  
o Related Facts |
<table>
<thead>
<tr>
<th>Criteria:</th>
<th>4 Excellent</th>
<th>3 Quite Good</th>
<th>2 Almost There</th>
<th>1 Keep practicing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Answer Key: Accurate demonstration of strategies</td>
<td>All five strategies are accurately used for both multiplication and division</td>
<td>The five strategies are generally accurate for both multiplication and division; minor inaccuracies such as 3x4=12 instead of 4x3=12 (same products switched up the factors; the model doesn’t match the attempted equation)</td>
<td>One or two of five strategies included are inaccurate for multiplication, division, or both. The errors detract from the result</td>
<td>There are major inaccuracies included and/or significant mathematical errors for multiplication, division, or both</td>
</tr>
<tr>
<td>Content: All components described in the prompt are included</td>
<td>There are 10 questions; five multiplication, five division, and all five strategies are present for both multiplication and division</td>
<td>There are 10 questions; five multiplication, five division, and four strategies are present for both multiplication and division</td>
<td>There are 1-2 questions missing and four strategies are present for both multiplication and division</td>
<td>There are less than 8 questions present and only three or less of the strategies are present</td>
</tr>
<tr>
<td>Independence</td>
<td>Student successfully completes the test independently</td>
<td>Student successfully completes the task with minimal assistance required</td>
<td>Student successfully completes the task with moderate assistance required</td>
<td>Student successfully completes the task with considerable assistance required</td>
</tr>
<tr>
<td>Presentation</td>
<td>The final copy is typed with area for name and date present; The final copy includes the author’s name at the bottom/footer; Rough draft and answer key are stapled to rubric separately.</td>
<td>The final copy is typed with area and date present; The final copy includes the author’s name at the bottom/footer; The student accidentally stapled final copy to rough draft and answer key.</td>
<td>The final copy is missing an area for name and date OR the author’s name at the bottom/footer; The final copy may or may not be stapled correctly.</td>
<td>The final copy is missing an area for name and date and the author’s name at the bottom/footer; The final copy may or may not be stapled correctly.</td>
</tr>
</tbody>
</table>

+ 16 points

Student Reflection Create a Pretest Project Summative # 6:

- Did you understand how to solve and complete this task/exit slip?
- What tools did you use to help you complete the task/exit slip?
- How can Ms. Schrepfer help you to be successful?