1. When solving a word problem, the first thing to do is ______ the known information.

2. When a problem requires more than one step, one strategy is to organize the known information into rows and columns. The strategy is known as ____________________.

3. To determine overtime pay that is time and a half you multiply by:
   a) ½  b) 1  c) 1½  d) 2

4. Sue earns $6/hour and gets overtime, which is time and a half for working more than 40 hours per week.

<table>
<thead>
<tr>
<th>Hours Worked</th>
<th>Regular Hours Worked</th>
<th>Regular Hourly Wage</th>
<th>Total Regular Pay</th>
<th>Overtime Hours Worked</th>
<th>Overtime Hourly Wage</th>
<th>Total Overtime Pay</th>
<th>Total Wages</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

5. To determine the total wages, add together _______________ and _______________.

6. Fill in the columns for the table above if Sue worked 34 hours.
1. When solving a word problem, the first thing to do is ______ the known information.

2. When making a table to solve a word problem it is helpful to make a different ____________ for each known piece of information that is calculated.

3. If you are an individual that earns time and a half for working over 40 hours per week, then explain how you would find your total weekly wages.

4. To determine overtime pay, which is double time, you multiply ____________________ by _____________________.

5. Sue earns $5.50/hour and gets overtime, which is time and a half for working more than 8 hours per day. To determine her total pay, identify the column headings for columns a, b, and c.

<table>
<thead>
<tr>
<th>a) Regular Hours Worked</th>
<th>Regular Hourly Wage</th>
<th>b) Overtime Hours Worked</th>
<th>Overtime Hourly Wage</th>
<th>Total Overtime Pay</th>
<th>c)</th>
</tr>
</thead>
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</tbody>
</table>

6. Use question #5 to complete the 2\textsuperscript{nd} row assuming you worked 13 hours in one day?

7. Use question #5 to determine the numbers of hours you worked if you earn $68. (You may want to use the remaining rows to guess and check your answers).

   a) 6 hours  b) 9 hours  c) 10 hours  d) 11 hours
1. When solving a word problem, the first thing to do is ________________________________.

2. A strategy to organize information in a word problem is to ________________________________.

3. To determine overtime pay, which is time and a half, you multiply ____________________ by ___________________.

4. To determine the total wages you _______________ the regular pay and the ____________________.

5. Sue earns $5.50/hour and gets overtime, which is time and a half for working more than 8 hours per day. To determine her total pay, identify the column headings for columns a, b, c, d, and e.

<table>
<thead>
<tr>
<th>a)</th>
<th>Regular Hours Worked</th>
<th>Regular Hourly Wage</th>
<th>b)</th>
<th>c)</th>
<th>Overtime Hourly Wage</th>
<th>d)</th>
<th>e)</th>
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</tbody>
</table>

6. Complete the 2\textsuperscript{nd} row of the table above if you worked the following: 52 hours in one week, earn $7.00/hour, and receive time and a half for hours over 40 hours in a week.

7. Complete the 3\textsuperscript{rd} row in the table above if you worked the following: 52 hours in one week, earn $7.00/hour, and receive time and a half for hours over 36 hours in a week.

8. If you are paid $4/hour and paid time and a half for over 10 hours in a day and you earned $58, how many hours did you work?
   
a) 10 hours  
b) 11 hours  
c) 12 hours  
d) 13 hours
1. When solving a word problem, the first thing to do is __________________________.

2. A strategy to organize information in a word problem is to __________________________.

3. When determining total pay involving overtime, it is necessary to know how much you received for ______________ and ______________.

4. Fill in the missing column headings in order to determine total pay.

<table>
<thead>
<tr>
<th>a)</th>
<th>b)</th>
<th>c)</th>
<th>d)</th>
<th>e)</th>
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</tbody>
</table>

6. Complete the 2nd row of the table above if you worked the following: 47 hours in one week, earn $6.00/hour, and receive time and a half for hours over 40 hours in a week.

7. Complete the 3rd row of the table above if you worked the following: 47 hours in one week, earn $7.00/hour, and receive time and a half for hours over 40 hours in a week.

8. If you earn $6.50/hour and earned time and a half for working over 8 hours per day. You receive $53.75 total pay for the day. How many hours did you work to earn that pay?
   a) 10 hours  b) 11 hours  c) 12 hours  d) 13 hours
1. When solving a word problem, the first thing to do is _______________________.

2. Explain why someone would use a table to solve a problem.

3. Problems involving overtime pay have two parts including:
   a) You need to determine the ________________________________; and
   b) You need to determine the ________________________________

4. Sue earns $6/hour and gets overtime, which is time and a half for working more than 40 hours per week. To determine her total pay, identify the column headings for columns a, b, and c.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>Regular Hourly Wage</th>
<th>Total Regular Pay</th>
<th></th>
<th>Overtime Hourly Wage</th>
<th>Total Overtime Pay</th>
<th>Total Wages</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td></td>
<td></td>
<td></td>
<td>b)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

a) Use one of the empty rows on the table to complete if Sue were to have worked 46 hours, determine her total wages. ____________

b) Use one of the empty rows on the table to complete if Sue were to have worked 49 hours, determine her total wage. ____________

c) Use one of the empty rows on the table to complete if Sue were to have worked 32 hours, determine her total wage. ____________

d) If Sue earned $330, how many hours did she work? ____________

5. If Mary earns $4.00 an hour and is paid time and a half for any work over 8 hours a day. How much would she earn for a 10-hour day?

a) $32.00   b) $40.00   c) $44.00   d) $48.00