

Tuesday Dozen #1

Name _____ Due Date _____ Score _____ /12

Directions:

- All problems **must** show some kind of evidence of work to receive credit; work may include computation, diagrams, explanations, and/or any other work that shows your thinking and problem solving skills.
- You are expected to use resources such as dictionaries, math textbook, websites, and calculators (for checking computation only) to assist you in the completion and checking of each problem.
- You are expected to take advantage of quick checks.
- You are expected to make some attempt at trying the “Baker’s Dozen Bonus” question.
- Receive extra credit if turned in by Friday of each week and all are problems are done correctly.

<p>A) Use the place value chart to show a number ten times greater than 12.9.</p> <table border="1" data-bbox="87 802 461 1188"> <tr> <td>H U N D R E D</td> <td>T E N</td> <td>O N E</td> <td>T E N T H</td> <td>H U N D R E D T H S</td> <td>T H O U S A N D T H S</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	H U N D R E D	T E N	O N E	T E N T H	H U N D R E D T H S	T H O U S A N D T H S							<p>B) Define an equation and give an example.</p> <p>An equation is a number sentence that uses an equal sign to show that two expressions have the same value.</p> <p>$2+3= 5$</p> <p>$4 \times n = 32$</p>	<p>C) Write this number in base-ten numerals and expanded form: <i>thirteen thousand, thirteen</i></p>
H U N D R E D	T E N	O N E	T E N T H	H U N D R E D T H S	T H O U S A N D T H S									
<p>D)</p> $\begin{array}{r} 1 \\ 6 \\ + 2 \\ \underline{6} \end{array}$ <p>Show the sum in simplest terms.</p>	<p>E) List all the coin combinations that equal exactly 17¢.</p>	<p>F)</p> $\begin{array}{r} 605 \\ \times 56 \\ \hline \end{array}$ <p>----- Use estimation to check that your product is reasonable.</p>												

<p>G)</p> $9 \overline{)3,781}$ <hr style="border-top: 1px dashed black;"/> <p>Estimate using compatible numbers to check that the quotient is reasonable.</p>	<p>H) Round each number to the nearest thousand.</p> <p style="text-align: center;">15,562</p> <p style="text-align: center;">178,003</p> <p style="text-align: center;">471</p>	<p>I) Betty and 9 friends are going camping. Each tent holds 3 people. Therefore Betty and her friends will need 3 tents, since $9 \div 3 = 3$.</p> <p>Logical or illogical? Why?</p>
<p>J)</p> $\begin{array}{r} 365 \\ + 635 \\ \hline \end{array}$	<p>K) Which is cheaper (for each item)?</p> <p style="text-align: center;">3 for \$1.00 <i>OR</i> \$.34 each</p> <p style="text-align: right;">Show work or explain your answer.</p>	<p>L) What are the next three numbers in this pattern?</p> <p style="text-align: center;">1, 3, 6, 10, 15, ____, ____, ____</p> <p>Describe the pattern:</p>



** baker's dozen bonus **

Find the mean of these numbers: 62, 71, 80, 61, 51