Tuesday Dozen #3

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.

A) Order these numbers from least to greatest: . **15.03; 15.31; 15.003; 15.13**	B) Circle the equation that is not true: $8 \times (3.5 - 1.5) = 3 \times 5$ $(8 + 3) - 2 = 3 \times 3$ Show your work.	C) Write this number in word form and expanded form: **701.602**
D) Show the sum in simplest terms. $1 \frac{1}{8}$ $+$ $3 \frac{5}{8}$ _____	E $8,315.04$ $+7,509.46$	F) How many minutes are in one 24-hour day?

The Tuesday Dozen #3

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G)	H) Half of Mrs. Block's class went to lunch. The other 10 went outside to recess. How many students are in Mrs. Block's class?	I)) If the average song lasts $3\frac{1}{2}$ minutes, could you listen to more than 20 songs in one hour or less than 20 songs in one hour?
$6\overline{)4{,}110}$ ------------------------------- Estimate using compatible numbers to check that the quotient is reasonable.		Justify (explain) your answer in complete sentences.
J) $\begin{array}{r} 10{,}000 \\ -1.5 \\ \hline \end{array}$	K Which is the better buy for ribbon? **100 feet for \$.99** OR **425 feet for \$2.95** Show your work or explain your choice	L) Round each number to the nearest hundred: 32,555 186,000 794.02

** baker's dozen bonus **

If a = 4, which expression has a greater value? Prove it!

a x (4 + 1)   OR   (a x 4) + 1

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