

Math Basic Skills Practice Quiz (NOV)

First & Last Name: _____ Random Generator #: _____

Directions: 1.) Show some thinking for each question 2.) Circle all your final answers
3.) Simplify and label units if needed 4.) No calculators 5.) Tell the truth – all the time

1.) $\frac{5}{6} + \frac{5}{4} =$

$\frac{10}{12} + \frac{15}{12} = \frac{25}{12}$ or $2\frac{1}{12}$

2.) $7\frac{1}{5} + 3\frac{5}{6} =$

$7\frac{6}{30} + 3\frac{25}{30} = 10\frac{31}{30} = 11\frac{1}{30}$

3.) $\left(-3\frac{3}{6}\right)\left(\frac{2}{3}\right) =$

$\left(-\frac{21}{6}\right)\left(\frac{2}{3}\right) = \frac{-42}{18} = \frac{-7}{3}$ or $-2\frac{1}{3}$

4.) $10\frac{1}{6} - 5\frac{4}{7} =$

$9\frac{7}{6} - 5\frac{4}{7} = 9\frac{49}{42} - 5\frac{24}{42} = 4\frac{25}{42}$

5.) $7.034 \times 10^6 =$

$7,034,000$

6.) $(0.004)(0.15) =$

0.0006

7.) Find 35% of 240

$10\% \Rightarrow 24$

$5\% \Rightarrow 12$

$30\% \Rightarrow 24(3) = 72$

$35\% \Rightarrow 72 + 12 = 84$

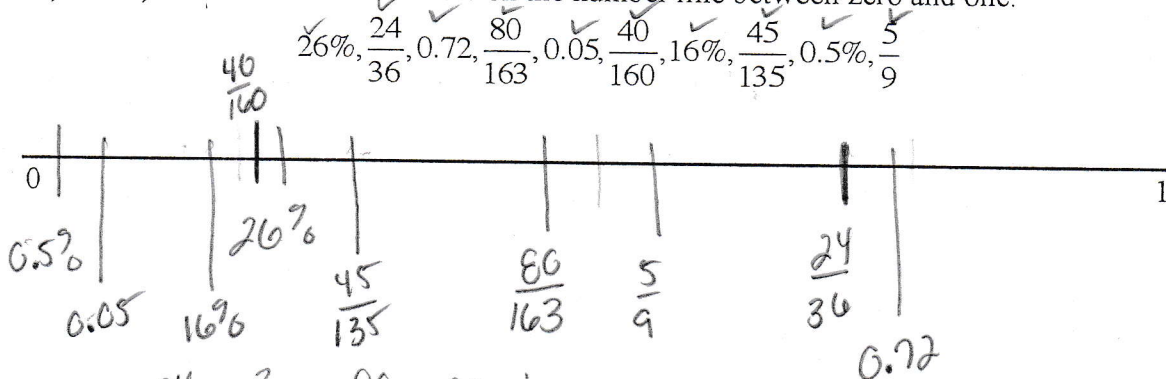
8.) What is the **total bill** if you add a 15% on a \$160.00 bill?

$10\% \Rightarrow 16$

$5\% \Rightarrow 8$

$15\% \Rightarrow \$24$

9.) & 10.) Place the numbers below on the number line between zero and one.



SOME

THINKING $\frac{24}{36} = \frac{2}{3}$ or $\frac{80}{163} < \frac{80}{160} = \frac{1}{2}$