

# KEY

## Math Basic Skills Practice Quiz (NOV)

First & Last Name: \_\_\_\_\_ Random Generator #: 0

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.)  $(0.004)(0.15) =$

$\begin{array}{r} 25 \\ \times 4 \\ \hline 100 \end{array}$   $\begin{array}{r} 60 \\ 54321 \end{array}$   
 $\frac{4}{1000} \times \frac{15}{100} = \frac{66}{10,000}$

7.) Find 35% of 240

$10\% \text{ of } 240 = 24$

$5\% \text{ of } 240 = 12$

$30\% \text{ of } 240 = 72$

$35\% \text{ of } 240 = 84$

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

$10\% \Rightarrow \$16$   
 $5\% \Rightarrow \$8$   
 $15\% \Rightarrow \$24$   
 $\begin{array}{r} 160 \\ + 24 \\ \hline 184 \end{array}$   
**TOTAL BILL**

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

