

Math Basic Skills Practice Quiz (OCT)

First & Last Name: KEY 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.) $\frac{4}{5} + \frac{5}{7}$

2.) $\frac{5}{8} - \frac{1}{6}$

$\frac{28}{35} + \frac{25}{35} = \frac{53}{35}$ OR $1\frac{18}{35}$

$\frac{15}{24} - \frac{4}{24} = \frac{11}{24}$

3.) $\left(-\frac{4}{15}\right)\left(\frac{6}{16}\right)$

4.) $6\frac{2}{3} + 4\frac{5}{7}$

$-\frac{6}{60} = -\frac{1}{10}$

$6\frac{14}{21} + 4\frac{15}{21} = 10\frac{29}{21} = 11\frac{8}{21}$

5.) Write $\frac{325}{10,000}$ as a decimal

6.) $(0.6)(0.45)$

ones ← 0.0325 → ten-thousandths
tenths

0.27 $\begin{array}{r} 3 \\ 45 \\ \times 6 \\ \hline 270 \end{array}$

7.) Find 45% of 120

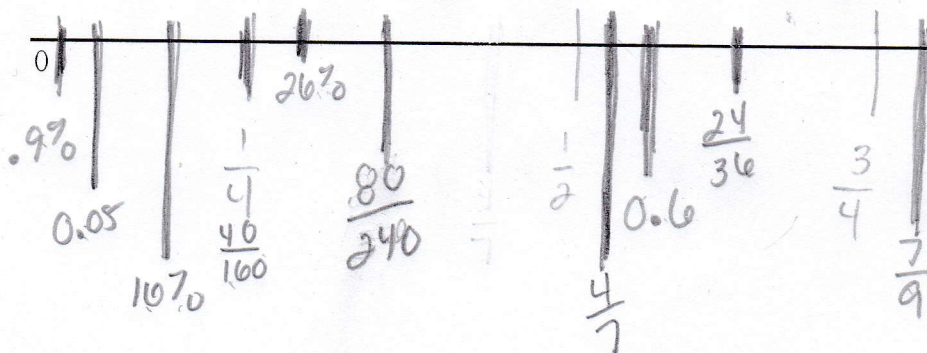
8.) What is a 15% tip for a \$28 bill?

$10\% \text{ of } 120 = 12$
 $5\% \text{ of } 120 = 6$
 $4 \cdot 12 = 48$
 $48 + 6 = 54$

$10\% \text{ of } 28 = 2.8$
 $5\% \text{ of } 28 = 1.4$
 $15\% \text{ of } 28 = 4.20$

9.) & 10.) Place the given number on the # line below and show thinking for at least one.

26% , $\frac{24}{36}$, 0.6 , $\frac{80}{240}$, 0.05 , $\frac{40}{160}$, 16% , $\frac{4}{7}$, 0.9% , $\frac{7}{9}$



SOME THINKING
 $\frac{40}{160} = \frac{1}{4}$ $\frac{4}{7} > \frac{1}{2}$
 $\frac{80}{240} = \frac{1}{3}$ $\frac{24}{36} = \frac{2}{3}$