

KEY

Math Basic Skills Practice Quiz (APR)

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.) $15\% \text{ of } \$260 =$

2.) $(300)(-16) =$

$$\begin{array}{r} 10\% \Rightarrow 26 \\ + 5\% \Rightarrow 13 \\ \hline 15\% \Rightarrow 39 \end{array}$$

$(+)(-) = -$

$100(16) = 1600$
 $3(1600) = 4800$

-4800

3.) $\frac{34.2}{-0.06} =$

4.) $64\frac{5}{7} - 51\frac{4}{5} =$

$$\begin{array}{r} \times 576 \\ -0.06 \overline{) 34.20} \\ \underline{-304} \\ 48 \\ \underline{-42} \\ 60 \end{array}$$

$\frac{(+)}{(-)} = -$

$63\frac{12}{7} - 51\frac{4}{5} =$

$63\frac{60}{35} - 51\frac{28}{35} = 12\frac{32}{35}$

-570

5.) $7\frac{1}{5} \div 2\frac{2}{5} =$

6.) Find the area of a circle with

a radius 4 feet. (Use 3.14 for π)

50.24 ft^2

$\frac{36}{5} \div \frac{12}{5} =$

$A = \pi r^2$
 $A = (3.14)(4)^2$
 $= (3.14)(16)$
 314×16
 50.24

$\frac{36}{5} \times \frac{5}{12} = 3$

7.) 126 is 60% of what number?

8.) Create a table of solutions for
 $y = 16 - 5x$

$126 = 0.6x$

$\frac{126}{.6} = \frac{1260}{6} = 210 = x$

x	-2	-1	0	4	5
y	26	21	16	-4	-9

$y = 16 - 5(-2) = 16 + 10 = 26$

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

$4\%, \frac{18}{24}, 0.70, \frac{50}{75}, 0.86, \frac{45}{89}, 29.9\%, \frac{34}{50}, 57\%, \frac{44}{98}$

