

Computation Go!

Gotta solve 'em all!

Due October 2

Name: KEY

Grade: 12



Divide. Express your quotient to the nearest tenth.

$$\frac{888}{9}$$

98.66...

98.7

$$\begin{array}{r} 98.66 \\ 9 \overline{) 888.00} \\ \underline{-81} \\ 78 \\ \underline{-72} \\ 60 \\ \underline{-54} \\ 60 \\ \underline{-54} \\ 6 \end{array}$$



Add. Express the sum in simplest form.

$$1\frac{2}{3} + \frac{1}{4}$$

$$\frac{2}{3} \cdot \frac{4}{4} = \frac{8}{12} \quad \frac{1}{4} \cdot \frac{3}{3} = \frac{3}{12}$$

$$1\frac{8}{12} + \frac{3}{12}$$

$$1\frac{11}{12}$$



$$2.057 + 16.3$$

$$\begin{array}{r} 2.057 \\ + 16.300 \\ \hline 18.357 \end{array}$$

18.357



$$48 \div 2^3 + 25 \times (9 - 7)$$

$$48 \div 8 + 25 \times 2$$

$$6 + 50$$

56



Subtract. Express the difference in simplest form.

$$3\frac{5}{6} - 1\frac{2}{3}$$

$$3\frac{5}{6} = 3\frac{5}{6}$$

$$\underline{-1\frac{2}{3}} \quad \underline{-1\frac{4}{6}}$$

2 1/6



$$-5 + 14 = 9$$

$$6 - (-6)$$

$$6 + 6 = 12$$

$$-7(7) = -49$$

$$\frac{-36}{-4} = 9$$



Write this set of numbers from least to greatest.

45.0, 40.5, 40.09, 49.5

45.00 ✓
40.50 ✓
40.09 ✓
49.50

40.09, 40.5, 45.0, 49.5



Complete the table below. All fractions should be written in simplest form.

Fraction	Decimal	Percent
$\frac{47}{100}$	0.47	47
$\frac{3}{20}$	0.15	15
$1\frac{1}{10}$ or $\frac{11}{10}$	1.1	110%

$$\frac{3}{20} \cdot \frac{5}{5} = \frac{15}{100}$$

$$110\% = \frac{110}{100} = 1\frac{10}{100} = 1\frac{1}{10}$$



Find 100% of 112.

$$100\% = 1$$

$$1 \times 112 = 112$$

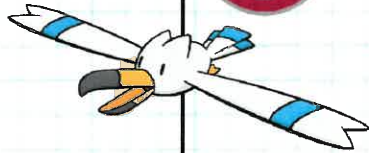
112



16.25×1.3

$$\begin{array}{r} + \quad + \\ 16.25 \\ \times 1.3 \\ \hline 4875 \\ 16250 \\ \hline 21125 \end{array}$$

21.125



Multiply. Express your product in simplest form.

$$16\frac{5}{8} \times 6$$

$$\frac{21}{4} \cdot \frac{6}{1} = \frac{63}{4}$$

$$\frac{63}{4} = \frac{60}{4} + \frac{3}{4}$$

$15\frac{3}{4}$



$47.4 \div 15$

$$\begin{array}{r} 3.16 \\ 15 \overline{) 47.40} \\ \underline{-45} \\ 24 \\ \underline{-15} \\ 90 \\ \underline{-90} \\ 0 \end{array}$$

3.16