

Computation Go!

Gotta solve 'em all!

Due September 23

Name: KEY

ENTER YOUR GRADE HERE

Grade: 12



Divide. Express your quotient to the nearest hundredth.

$$119 \div 26$$

$$\begin{array}{r} 4.576 \\ 26 \overline{) 119.000} \\ \underline{-104} \\ 150 \\ \underline{-130} \\ 200 \\ \underline{-182} \\ 180 \\ \underline{-156} \\ 24 \end{array}$$

4.576
4.58



Add. Express the sum in simplest form.

$$8\frac{3}{4} + 6\frac{2}{5}$$

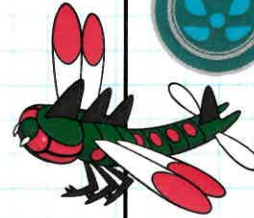
$$\frac{3}{4} \times \frac{5}{5} = \frac{15}{20}$$

$$\frac{2}{5} \times \frac{4}{4} = \frac{8}{20}$$

$$8\frac{15}{20} + 6\frac{8}{20} = 14\frac{23}{20}$$

$$14 + 1 + \frac{3}{20}$$

$$15\frac{3}{20}$$



$$1113.04 - 241.931$$

$$\begin{array}{r} 011210310 \\ 11 + 3.840 \\ \underline{-241.931} \\ 871.109 \end{array}$$

Check:

$$\begin{array}{r} 871.109 \\ + 241.931 \\ \hline 1113.040 \checkmark \end{array}$$

871.109



$$16 \div 2 + 8 \times 3$$

$$8 + 24$$

32



Subtract. Express the difference in simplest form.

$$6\frac{1}{5} - 2\frac{7}{10}$$

$$6\frac{1}{5} = 6\frac{2}{10} = 5\frac{10}{10} + \frac{2}{10}$$

$$\underline{-2\frac{7}{10}} \quad \underline{-2\frac{7}{10}} \quad \underline{-2\frac{7}{10}}$$

$$5\frac{12}{10}$$

$$\underline{-2\frac{7}{10}}$$

$$3\frac{5}{10}$$

3 1/2



$$-2 + (-1) = -3$$

$$-8 - 7$$

$$-8 + (-7) = -15$$

$$9(6) = 54$$

$$-18 \div 2 = -9$$



Write this set of numbers from greatest to least.

$$\frac{2}{3}, \frac{4}{9}, \frac{5}{6}, \frac{7}{12}$$

$$\frac{2}{3} \cdot \frac{12}{12} = \frac{24}{36} \quad \checkmark \quad \frac{4}{9} \cdot \frac{4}{4} = \frac{16}{36} \quad \checkmark$$

$$\frac{5}{6} \cdot \frac{6}{6} = \frac{30}{36} \quad \checkmark \quad \frac{7}{12} \cdot \frac{3}{3} = \frac{21}{36} \quad \checkmark$$

$$\frac{5}{6}, \frac{2}{3}, \frac{7}{12}, \frac{4}{9}$$



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

Fraction	Decimal	Percent
$\frac{11}{200}$	0.055	5.5
$\frac{3}{4}$	0.75	75
$\frac{43}{100}$	0.43	43%

$$0.055 = \frac{55}{1000} = \frac{11}{200} = \frac{5.5}{100}$$

$$\frac{3}{4} \cdot \frac{25}{25} = \frac{75}{100}$$



Find 60% of 150.

$$0.60 \times 150$$

$$0.6 \times 150$$

$$\begin{array}{r} 3 \\ 150 \\ \times 0.6 \\ \hline 900 \end{array}$$

$$90.0$$

$$90$$



$$0.003 \times 2.9$$

$$\begin{array}{r} 2 \\ 2.9 \\ \times 0.003 \\ \hline .0087 \end{array}$$

$$0.0087$$

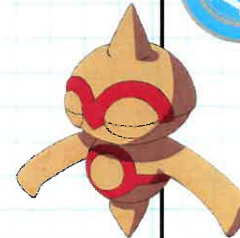


Multiply. Express your product in simplest form.

$$\begin{array}{r} 9+1 \quad 8+1 \\ 3\frac{1}{3} \times 2\frac{1}{4} \\ \times \quad \times \\ 5 \quad 10 \quad 9 \quad 3 \\ \frac{10}{3} \times \frac{9}{4} \\ \hline 1 \quad 42 \end{array}$$

$$\frac{15}{2}$$

$$7\frac{1}{2}$$



$$2.52 \div 0.7$$

$$\begin{array}{r} 3.6 \\ 0.7 \overline{) 2.52} \\ \underline{-21} \\ 42 \\ \underline{-42} \\ 0 \end{array}$$

$$3.6$$