

Computation Go!

Gotta solve 'em all!

Due September 11

Name: Key

Grade: 12



Divide. Express your quotient to the nearest hundredth.

$$535 \div 6$$

$$\begin{array}{r} 89.166 \\ 6 \overline{) 535.000} \\ \underline{-48} \phantom{00} \\ 55 \phantom{00} \\ \underline{-54} \phantom{00} \\ 10 \phantom{00} \\ \underline{-6} \phantom{00} \\ 40 \phantom{00} \\ \underline{-36} \phantom{00} \\ 40 \phantom{00} \\ \underline{-36} \phantom{00} \\ 4 \phantom{00} \end{array}$$

89.166...  
89.17



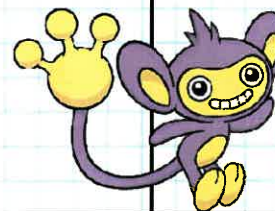
Add. Express the sum in simplest form.

$$4\frac{3}{5} + 9\frac{1}{3}$$

$$4\frac{3}{5} \times \frac{2}{2} = 4\frac{6}{10}$$

$$+ 9\frac{1}{3} \times \frac{5}{5} = + 9\frac{5}{15}$$

$$13\frac{14}{15}$$



362 - 145.9

$$\begin{array}{r} 511 \\ 362.0 \\ \underline{-145.9} \\ 216.1 \end{array}$$

216.1



$4^3 - 24 \div 8$

$(4 \cdot 4 \cdot 4) - 24 \div 8$

$64 - 24 \div 8$

$64 - 3$

61



Subtract. Express the difference in simplest form.

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

$$5\frac{2}{3} \times \frac{2}{2} = 5\frac{4}{6}$$

$$- 2\frac{1}{6} = - 2\frac{1}{6}$$

$$3\frac{3}{6}$$

3 1/2



$-7 + (-4) = -11$

$-8 - 6$   
 $-8 + (-6) = -14$

$-4 \times 2 = -8$

$-20 \div -5 = 4$



Order this set of numbers from greatest to least.

$$\frac{3}{4}, \frac{2}{5}, \frac{5}{8}, \frac{1}{2}$$

$$\frac{3}{4} \times \frac{2}{2} = \frac{6}{8} \quad \frac{2}{5} < \frac{1}{2}$$

$$\frac{1}{2} \times \frac{4}{4} = \frac{4}{8}$$

$$\frac{3}{4}, \frac{5}{8}, \frac{1}{2}, \frac{2}{5}$$



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

Fraction	Decimal	Percent
$\frac{2}{25}$	0.08	<del>8</del>
$\frac{66}{200}$	0.33	33
$\frac{37}{100}$	0.37	37%

$$0.08 = \frac{8}{100} = \frac{2}{25}$$

$$\frac{66}{200} = \frac{33}{100} = 33\% = 0.33$$

$$37\% = \frac{37}{100} = 0.37$$



Find 35% of 20.

$$0.35(20) = 7$$

-OR-

$$\frac{35}{100} \cdot \frac{20}{1} = \frac{35}{5} = 7$$



$$2.5 \times 6.7$$

$$\begin{array}{r} 2.5 \\ \times 6.7 \\ \hline 175 \\ 1500 \\ \hline 16.75 \end{array}$$

$$16.75$$



Multiply. Express your product in simplest form.

$$4\frac{1}{2} \times \frac{3}{5}$$

$$\frac{8}{2} \times \frac{3}{5} = \frac{3}{2}$$

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



$$4.86 \div 0.2$$

$$\begin{array}{r} 24.3 \\ 0.2 \overline{) 4.86} \\ \underline{-4.4} \phantom{0} \\ 0.8 \phantom{0} \\ \underline{-0.8} \phantom{0} \\ 0.6 \phantom{0} \\ \underline{-0.6} \\ 0 \end{array}$$

$$24.3$$

