

Computation Go!

Gotta solve 'em all!

Due January 22

Name: Key

Grade: 12



Divide. Express your quotient to the nearest tenth.

$$449 \div 14$$

$$\begin{array}{r} 32.07 \\ 14 \overline{) 449.00} \\ \underline{-42} \\ 29 \\ \underline{-28} \\ 10 \\ \underline{-0} \\ 100 \\ \underline{-98} \\ 2 \end{array}$$

32.1



Add. Express the sum in simplest form.

$$12\frac{5}{8} + 3\frac{3}{4}$$

$$12\frac{5}{8} + 3\frac{6}{8}$$

$$15\frac{11}{8}$$

$16\frac{3}{8}$



$$5.21 + 4 + 0.2$$

$$\begin{array}{r} 5.21 \\ + 4.00 \\ \underline{0.20} \\ 9.41 \end{array}$$

9.41



$$45 \div 9 + 8 - 7 + 2 \times 3$$

$$\begin{array}{r} 5 + 8 - 7 + 6 \\ \underline{13} - 7 + 6 \\ \underline{6} + 6 \\ \underline{12} \end{array}$$

12



Subtract. Express the difference in simplest form.

$$9\frac{7}{10} - 6\frac{4}{5}$$

$$9\frac{7}{10} = 8\frac{17}{10}$$

$$\begin{array}{r} 8\frac{17}{10} \\ - 6\frac{8}{10} \\ \hline 2\frac{9}{10} \end{array}$$

$2\frac{9}{10}$



$$6 + (-3)$$

3

$$-18 - 5$$

$$-18 + (-5)$$

-23

$$9(-2)$$

-18

$$-35 \div (-5)$$

7





Divide. Express your quotient in simplest form.

$$6\frac{1}{6} \div 3\frac{1}{3}$$

$$\frac{37}{6} \div \frac{10}{3}$$

$$\frac{37}{6} \times \frac{3}{10}$$

$$\frac{37}{20} = 1\frac{17}{20}$$



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

Fraction	Decimal	Percent
$5\frac{1}{10}$	5.1	510%
$9\frac{2}{5}$	9.4	940%
$\frac{3}{10}$	0.3	30%

$$\frac{2}{5} = \frac{4}{10}$$

$$\frac{30}{100} = \frac{3}{10}$$



Find 18% of 450.

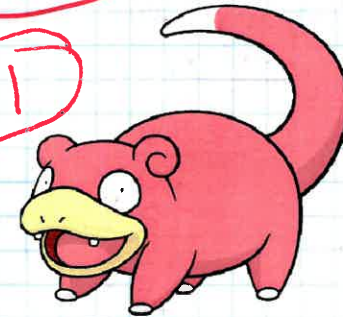
$$18\% = \frac{18}{100} = 0.18$$

$$0.18 \times 450$$

$$\begin{array}{r} 450 \\ \times 0.18 \\ \hline 3600 \\ 4500 \\ \hline 81.00 \end{array}$$



81

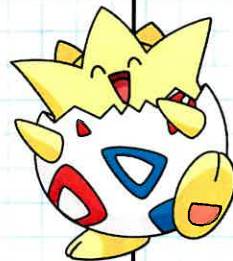


$$2.52 \times 0.15$$

$$\begin{array}{r} 2.52 \\ \times 0.15 \\ \hline 1260 \\ + 2520 \\ \hline .3780 \end{array}$$

$$0.3780$$

$$0.378$$



Multiply. Express your product in simplest form.

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

$$1\frac{1}{5} \times \frac{5}{4} = \frac{11}{4}$$

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



$$122.32 \div 11$$

$$\begin{array}{r} 11.12 \\ 11 \overline{)122.32} \\ \underline{-11} \\ 12 \\ \underline{-11} \\ 13 \\ \underline{-11} \\ 22 \\ \underline{-22} \\ 0 \end{array}$$

$$11.12$$