ENTER YOUR SCORE HERE

Computation Go!

Gotta solve 'em all!

Due October 23

Name: KEY

Grade: ___/12

Divide. Express your quotient to the nearest tenth.

$$\frac{8147}{30}$$

271.6

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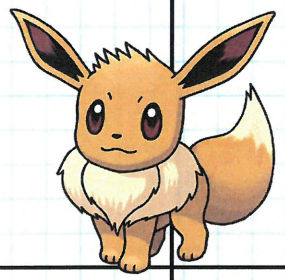
271.56
30|8147.00
 -60
  214
 -210
    47
   -30
    170
   -150
     200
     180
```



Add. Express the sum in simplest form.

$$8\frac{1}{4} + 2\frac{4}{5}$$

$\frac{1}{4} \times \frac{5}{5} = \frac{5}{20}$ $\quad 8\frac{5}{20} + 2\frac{16}{20}$

$\frac{4}{5} \times \frac{4}{4} = \frac{16}{20}$ $\quad 10\frac{21}{20}$

$11\frac{1}{20}$

$219.6 + 12.024$

$$\begin{array}{r} {}^{2}{}^{1}{}^{1}9.600 \\ +\ 12.024 \\ \hline 231.624 \end{array}$$

231.624

PEMDAS

$88 - 16 \times 5 + 2 - 3$

$88 - 80 + 2 - 3$

$8 + 2 - 3$

$10 - 3$

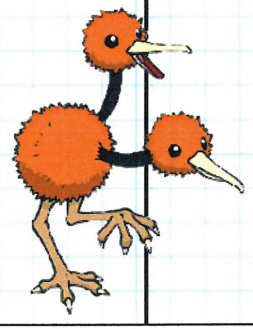
7

Subtract. Express the difference in simplest form.

$$5 - 3\frac{4}{7}$$

$4\frac{7}{7} - 3\frac{4}{7}$

$1\frac{3}{7}$



$-15 + 15$

0

$-3 - (-10)$

$-3 + 10$

7

$-7(6)$

-42

$$\frac{-32}{-8}$$

4

Write this set of numbers in order from least to greatest.

67.39, 68.004, 67.039, 67.04

67.390
68.004 ✓
67.039 ✓
67.040

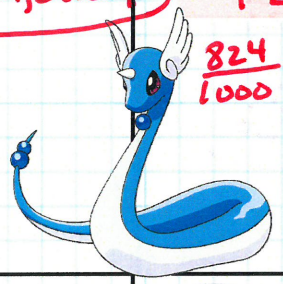
67.039, 67.04, 67.39, 68.004

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

Fraction	Decimal	Percent
$\frac{103}{125}$	0.824	82.4%
$\frac{1}{2}$	0.5	50%
$1\frac{3}{4}$ or $\frac{7}{4}$	1.75	175%

$\frac{824}{1000} = \frac{8 \cdot 103}{8 \cdot 125}$

$\frac{175}{100} = \frac{7 \cdot 25}{4 \cdot 25} = \frac{7}{4} = 1\frac{3}{4}$



Find 12% of 12.

0.12(12)

$\begin{array}{r} 12 \\ \times .12 \\ \hline 1.44 \end{array}$

1.44

3.5 × 24.09

$\begin{array}{r} {}^{2}{}^{1}{}^{4}{}^{2} \\ 24.09 \\ \times\ 3.5 \\ \hline 12045 \\ 72270 \\ \hline 84.315 \end{array}$

84.315

Multiply. Express your product in simplest form.

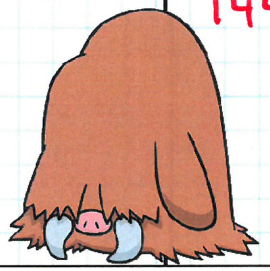
$14 \times 2\frac{5}{7}$

$14\left(2+\frac{5}{7}\right)$

$14(2) + {}^{2}\cancel{14} \cdot \frac{5}{\cancel{7}_{1}}$

28 + 10

38



142.4 ÷ 16

$\begin{array}{r} 008.9 \\ 16\overline{)142.4} \\ -128 \\ \hline 144 \\ -144 \\ \hline 0 \end{array}$

$\begin{array}{r} 4 \\ 16 \\ \times\ 8 \\ \hline 128 \\ 5 \\ 16 \\ \times\ 9 \\ \hline 144 \end{array}$

8.9