ENTER YOUR GRADE HERE

Computation Go! Gotta solve 'em all!

Due September 9

Name: Key

Grade: ___/12

Divide. Express your quotient to the nearest hundredth.

$535 \div 6$

89.166
6 | 535.000
-48
55
-54
10
-6
40
-36
40
-36
4

89.166... ≈ 89.17

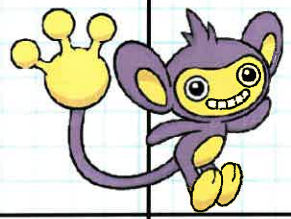
Add. Express the sum in simplest form.

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

$4\frac{3}{5} \times \frac{3}{3} = 4\frac{9}{15}$

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

$13\frac{14}{15}$



$362 - 145.9$

511 10
362.0
-145.9
216.1

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.

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

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

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

$3\frac{3}{6}$

$3\frac{1}{2}$

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

$-8 - 6$

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

$-4 \times 2 = -8$

$-20 \div -5 = 4$

Order this set of numbers from greatest to least.

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

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

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

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

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

Fraction	Decimal	Percent
$\frac{2}{25}$	0.08	8
$\frac{66}{200}$	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 × 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.

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

$\frac{5}{2} \times \frac{3}{8_1} = \frac{3}{2}$

$1\frac{1}{2}$

4.86 ÷ 0.2

$$0.2\overline{)4.86} \quad 24.3$$

-4

08

-8

06

-6

0

24.3