Computation Go!

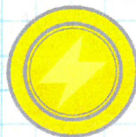## Gotta solve 'em all!

Name: **Key**

Grade: $\frac{}{12}$

Divide. Express your quotient to the nearest tenth.

$$673 \div 20$$

$$
\begin{array}{r}
33.65 \\
20\overline{)673.00} \\
-60 \\
\hline
73 \\
-60 \\
\hline
130 \\
-120 \\
\hline
100 \\
100 \\
\hline
0
\end{array}
$$

$\boxed{33.7}$

Add. Express the sum in simplest form.

$$11\frac{1}{4} + 5\frac{3}{8}$$

$$11\frac{2}{8} + 5\frac{3}{8}$$

$\boxed{16\frac{5}{8}}$

$$3.804 + 2.79$$

$$
\begin{array}{r}
1 \\
3.804 \\
+2.790 \\
\hline
6.594
\end{array}
$$

$\boxed{6.594}$

$$(6-1)^3 - 50 \times 2$$

$$5^3 - 50 \times 2$$

$$125 - 50 \times 2$$

$$125 - 100$$

$\boxed{25}$

Subtract. Express the difference in simplest form.

$$7\frac{1}{6} - 3\frac{5}{6}$$

$$6\frac{7}{6} - 3\frac{5}{6}$$

$$3\frac{2}{6}$$

$\boxed{3\frac{1}{3}}$

$$-12 + 3$$

$\boxed{-9}$

$$-6 - 6$$
$$-6 + (-6)$$

$\boxed{-12}$

$$-5 \times 3$$

$\boxed{-15}$

$$-54 \div (-6)$$

$\boxed{9}$

Top-left

Divide. Express your quotient in simplest form.

$$\frac{7}{10} \div 2\frac{5}{8}$$

$$\frac{7}{10} \div \frac{21}{8}$$

$$\frac{7}{10} \times \frac{8}{21}$$

$$\boxed{\frac{4}{15}}$$

Top-middle

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

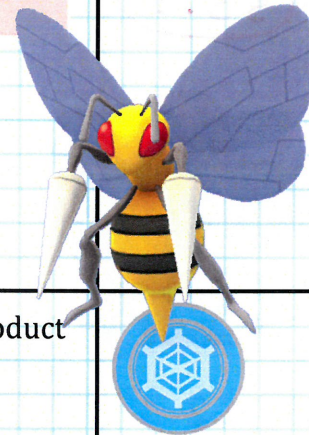| Fraction	Decimal	Percent
$\frac{3}{40}$	0.075	7.5
$6\frac{4}{5}$	6.8	680
$\frac{2}{25}$	0.08	8%

$$\frac{75}{1000} \div \frac{25}{25} = \frac{3}{40}$$

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

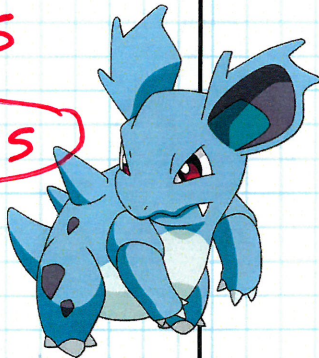## Top-right

Find 150% of 150.

$$150 + 75$$

$$\boxed{225}$$

Bottom-left

$$27.1 \times 10.05$$

$$\begin{array}{r} 10.05 \\ \times\ 27.1 \\ \hline 1005 \\ 70350 \\ 201000 \\ \hline 272.355 \end{array}$$

$$\boxed{272.355}$$

Bottom-middle

Multiply. Express your product in simplest form.

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

$$\frac{15}{4} \times \frac{14}{5}$$

$$\frac{21}{2}$$

$$\boxed{10\frac{1}{2}}$$

Bottom-right

$$79.2 \div 9$$

$$\begin{array}{r} 8.8 \\ 9\overline{)79.2} \\ -72 \\ \hline 72 \\ -72 \\ \hline 0 \end{array}$$

$$\boxed{8.8}$$