







(2) 3[.

Long Division Practice

1. When division is too difficult to do mentally, we use a strategy called "long division."

-To the right is an example that shows the long division for the problem $7 \div 5$.

a) Based on the example, what is the solution to
$$7 \div 5$$
?

Write as many solutions as you can.

2. Let's practice a few more division problems using long division. Challenge yourself to write your solutions in multiple ways (such as a fraction and a decimal).

c)
$$5 \div 2$$

3. What about bigger numbers? Try these!

$$\frac{104}{3|312} = 104$$
 $\frac{-311}{012}$
 $\frac{12}{0}$



$$\begin{array}{c|c}
02.4 \\
\hline
2512.00 \\
\hline
10 \downarrow \\
20 \\
\hline
20
\end{array}$$

$$12 \div 5 = 2.4 \text{ or } 2.5$$

-

2.5
c)
$$2.55.000$$
 $5÷2=2.5$ or $3\frac{1}{2}$
 $-4\downarrow$
 10
 10

$$33\overline{275} = 91\frac{2}{3}$$

$$-274 91.6$$