

Name: _____

Date: _____

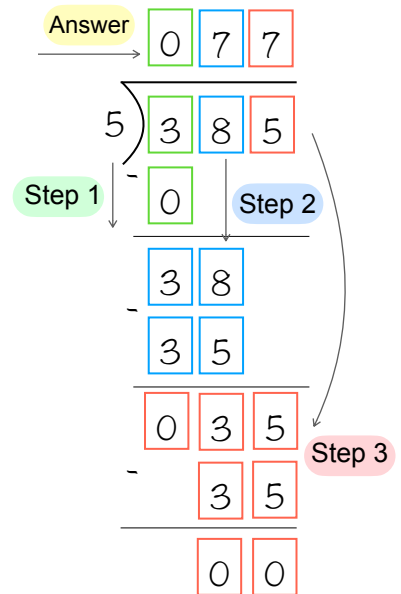
❖ Long Division ❖

Tips:

- Before learning division, learning the multiplication table helps to great extend.
- In division, we always start from left unlike other math operation.

Solution:

- ⌘ **Step 1:** We checked the first number from “dividend” number. It is less than 5, so we can’t divide it with 5. So we write “0” in Answer Area. Subtract “0” and bring 3 down.
- ⌘ **Step 2:** Now we move to the next number, that’s 8 and bring it down with previous number 3. Now the number is 38. By referring to 5 times table, we will try to find number that’s closest to 38 but less than 38. 7 times 5 is 35 so we write 7 in answer area and subtract 35 from 38.
- ⌘ **Step 3:** The remainder is 3. Again we can’t divide 3 by 5 as it is lower number. So we bring down next number that is 5. And we repeat “step 2”. We write 7 in Answer Area and subtract 35 from 35. The remainder is 0. There are no more numbers left in dividend number. Hence our division is complete. The answer of $385 \div 5$ is 77.



$$\begin{array}{r} \\ 3 \overline{) 849} \end{array}$$

$$\begin{array}{r} \\ 4 \overline{) 692} \end{array}$$

$$\begin{array}{r} \\ 2 \overline{) 786} \end{array}$$

$$\begin{array}{r} \\ 5 \overline{) 595} \end{array}$$

$$\begin{array}{r} \\ 8 \overline{) 352} \end{array}$$

$$\begin{array}{r} \\ 9 \overline{) 675} \end{array}$$

$$\begin{array}{r} \\ 7 \overline{) 588} \end{array}$$

$$\begin{array}{r} \\ 6 \overline{) 786} \end{array}$$

❖ Long Division ❖

(Answer Key)

$$\begin{array}{r}
 283 \\
 3 \overline{) 849} \\
 \underline{-6} \\
 24 \\
 \underline{-24} \\
 009 \\
 \underline{-00} \\
 000
 \end{array}$$

$$\begin{array}{r}
 173 \\
 4 \overline{) 692} \\
 \underline{-4} \\
 29 \\
 \underline{-28} \\
 012 \\
 \underline{-01} \\
 000
 \end{array}$$

$$\begin{array}{r}
 393 \\
 2 \overline{) 786} \\
 \underline{-6} \\
 18 \\
 \underline{-18} \\
 006 \\
 \underline{-00} \\
 000
 \end{array}$$

$$\begin{array}{r}
 119 \\
 5 \overline{) 595} \\
 \underline{-5} \\
 09 \\
 \underline{-09} \\
 045 \\
 \underline{-04} \\
 000
 \end{array}$$

$$\begin{array}{r}
 044 \\
 8 \overline{) 352} \\
 \underline{-0} \\
 35 \\
 \underline{-32} \\
 032 \\
 \underline{-03} \\
 000
 \end{array}$$

$$\begin{array}{r}
 075 \\
 9 \overline{) 675} \\
 \underline{-0} \\
 67 \\
 \underline{-63} \\
 045 \\
 \underline{-04} \\
 000
 \end{array}$$

$$\begin{array}{r}
 084 \\
 7 \overline{) 588} \\
 \underline{-0} \\
 58 \\
 \underline{-56} \\
 028 \\
 \underline{-02} \\
 000
 \end{array}$$

$$\begin{array}{r}
 131 \\
 6 \overline{) 786} \\
 \underline{-6} \\
 18 \\
 \underline{-18} \\
 006 \\
 \underline{-00} \\
 000
 \end{array}$$