

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.

Answer →

5)	0	7	7

5)	3	8	5

-		0		

		3	8	
		-	3	5

		0	3	5

		-	3	5

		0	0	

Step 1 → Step 2 → Step 3

$$2 \overline{) 962}$$

$$7 \overline{) 833}$$

$$4 \overline{) 784}$$

$$6 \overline{) 972}$$

$$7 \overline{) 343}$$

$$8 \overline{) 976}$$

$$6 \overline{) 546}$$

$$2 \overline{) 546}$$

❖ Long Division ❖

(Answer Key)

$$\begin{array}{r}
 481 \\
 2 \overline{) 962} \\
 \underline{-8} \\
 16 \\
 \underline{-16} \\
 002 \\
 \underline{-00} \\
 000
 \end{array}$$

$$\begin{array}{r}
 119 \\
 7 \overline{) 833} \\
 \underline{-7} \\
 13 \\
 \underline{-7} \\
 63 \\
 \underline{-63} \\
 000
 \end{array}$$

$$\begin{array}{r}
 196 \\
 4 \overline{) 784} \\
 \underline{-4} \\
 38 \\
 \underline{-36} \\
 024 \\
 \underline{-024} \\
 000
 \end{array}$$

$$\begin{array}{r}
 162 \\
 6 \overline{) 972} \\
 \underline{-6} \\
 37 \\
 \underline{-36} \\
 012 \\
 \underline{-012} \\
 000
 \end{array}$$

$$\begin{array}{r}
 049 \\
 7 \overline{) 343} \\
 \underline{-0} \\
 34 \\
 \underline{-28} \\
 063 \\
 \underline{-063} \\
 000
 \end{array}$$

$$\begin{array}{r}
 122 \\
 8 \overline{) 976} \\
 \underline{-8} \\
 17 \\
 \underline{-16} \\
 016 \\
 \underline{-016} \\
 000
 \end{array}$$

$$\begin{array}{r}
 091 \\
 6 \overline{) 546} \\
 \underline{-0} \\
 54 \\
 \underline{-54} \\
 006 \\
 \underline{-006} \\
 000
 \end{array}$$

$$\begin{array}{r}
 273 \\
 2 \overline{) 546} \\
 \underline{-4} \\
 14 \\
 \underline{-14} \\
 006 \\
 \underline{-006} \\
 000
 \end{array}$$