

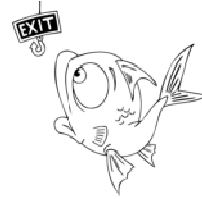
Name _____

Date _____

Four Digit Subtraction- Step-by-Step Lesson

Subtract the following:

$$\begin{array}{r} 8 \quad 6 \quad 1 \quad 2 \\ - 5 \quad 9 \quad 1 \quad 1 \\ \hline \end{array}$$



Explanation:

We subtract from right to left digit so that $2 - 1 = 1$. Write down 1

$$\begin{array}{r} 8 \quad 6 \quad 1 \quad 2 \\ - 5 \quad 9 \quad 1 \quad 1 \\ \hline \qquad \qquad \qquad 1 \end{array}$$

Then we subtract $1 - 1 = 0$. Write down 0

$$\begin{array}{r} 8 \quad 6 \quad 1 \quad 2 \\ - 5 \quad 9 \quad 1 \quad 1 \\ \hline \qquad \qquad 0 \quad 1 \end{array}$$

After that we subtract $6 - 9$. We cannot subtract 9 from 6

In 8612

The "6" means 6 hundreds, the "8" means 8 thousands, so that:

Reduce 8 by 1 Increase 6 by 10

So we borrow 1 tens (1 tens = 10 units) from 8 so we can calculate

$10 + 6 = 16$. And subtract $16 - 9 = 7$



Name _____

Date _____

$$\begin{array}{r} 8 \quad 6 \quad 1 \quad 2 \\ - 5 \quad 9 \quad 1 \quad 1 \\ \hline \quad 7 \quad 0 \quad 1 \end{array}$$

After giving 1 to 6, so $8 - 1 = 7$. So we subtract $7 - 5 = 2$

$$\begin{array}{r} 8 \quad 6 \quad 1 \quad 2 \\ - 5 \quad 9 \quad 1 \quad 1 \\ \hline 2 \quad 7 \quad 0 \quad 1 \end{array}$$

So the answer is 2701

