Tutorial: Adding Two-Digit Numbers with Carrying

Problem Statement

What is $47 + 58$?

Step-by-Step Solution

We will use the column method and carry over when necessary.

Step 1: **Write the numbers in column format.**

$$\begin{array}{r} 47 \\ +58 \\ \hline \end{array}$$

Step 2: **Add the ones digits:** $7 + 8 = 15$.

- Write down the **5** in the ones place.
- Carry over the **1** to the tens place.

Step 3: **Add the tens digits:** $4 + 5 = 9$.

- Add the carried over 1: $9 + 1 = 10$.
- Write down the **0** in the tens place and carry over **1** to the hundreds.

Step 4: **Write the final result:**

- The hundreds place is just the carry-over 1.
- So, the final answer is:
$$\begin{array}{r} 47 \\ +58 \\ \hline 105 \end{array}$$

Conclusion

We used the method of addition with carrying to solve $47 + 58 = 105$.