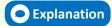## Addition with 3-Digit Numbers

Addition:

- **Line up the place values. Add the digits starting with the lowest place.**
- **For each place with a sum greater than ten, the tens should be carried to the next place (or column).**

Example 1

Complete the following equation: 522 + 476 =

🔵 **Explanation**

Step 1: Line up the place values.

```
   5 2 2
 + 4 7 6
```

Step 2: Add the **ones**, **2 + 6 = 8**.

```
   5 2 2
 + 4 7 6
       8
```

Step 3: Add the **tens**, **2 + 7 = 9**.

```
   5 2 2
 + 4 7 6
     9 8
```

Step 4: Add the **hundreds**, **5 + 4 = 9**.

```
   5 2 2
 + 4 7 6
   9 9 8
```

Therefore, the answer is 998.

Example 2

Complete the following equation: 266 + 58 =

🔵 **Explanation**

Step 1: Line up the place values.

```
    266
+    58
```

Step 2: Add the **ones**, **6 + 8 = 14**. Break down 14 into 1 ten and 4 ones. Write the 4 under the *ones' column.* Carry the 1 over to the *tens' column.*

```
     1
    266
+    58
      4
```

Step 3: Add the **tens** and the **extra ten** that was carried over, 1 + 6 + 5 = 12. Break down 12 into 1 ten and 2 ones. Write the 2 under the *tens' column*. Carry the 1 over to the *hundreds' column*.

```
   1 1
    266
+    58
     24
```

Step 4: Add the **hundreds** and the **extra hundred** that was carried over, **1 + 2 = 3**.

```
   1
    266
+    58
    324
```

Therefore, the answer is **324**.

Example 3

Complete the following equation: 245 + 167 =

🔵 **Explanation**

Step 1: Line up the digits.

```
    245
+   167
```

Step 2: Add the **ones**, **5 + 7 =12**. Break down 12 into 1 ten and 2 ones. Write the 2 under the *ones' column*. Carry the 1 over to the *tens' column*.

```
     1
    245
+   167
      2
```

Step 3: Add the **tens** and the **extra ten** that was carried over, 1 + 4 + 6 = 11. Break down 11 into 1 tens and 1 one. Write the 1 under the *tens' column*. Carry the 1 over to the *hundreds' column*.

```
   1 1
    245
+   167
     12
```

Step 4: Add the **hundreds** and the **extra hundred** that was carried over, **1 + 1 + 2 = 4**. Write the **4** under the *hundreds' column*.

```
  1 1
  2 4 5
+ 1 6 7
───────
  4 1 2
```

◆ **Therefore the answer is 412.**

```
  1 1
  2 4 5
+ 1 6 7
───────
  4 1 2
```

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