Mixed Number Subtraction - Guided Lesson Explanation

Explanation#1

Two Digit Subtraction (for example 67 – 35)

Start at the ones place, we subtract $7 - 5 = 2$. Write down 2.

```
   6  7
-  3  5
_____
      2
```

Then we subtract $6 - 3 = 3$. So we get 3.

```
   6  7
-  3  5
_____
   3  2
```

Answer is: 32

Explanation#2

Two Digits from Three Digits Subtraction (for example 972 - 57).

We start from the rightmost position i.e. ones place, $2 - 7$.

How to do, smaller number – larger number, now? Borrow a ten from the tens place.

```
   9  7  2
-     5  7
_____
```

Now we borrow 1 ten from 7 to 2 by 10 i.e.$(2 + 10 = 12)$. 7 is decreased by 1. At the place of 7 we write 6.

```
  9   6   12                          9    6    12
  9   7   2     ( OR ) we have write as      5    7
-     5   7                          _____
_____                            9    1    5
```

Explanation#3

We start subtraction from digits at ones place.

First we subtract 7 – 7 = 0. Write down 0.

Second we subtract digits at tens place 8 – 5 = 3. Write down 3.

Third we subtract digits at hundreds place 4 – 3 = 1. Write down 1.

```
    4    8    7
-   3    5    7
   _____
    1    3    0
```

Answer is: 130