

$$\begin{array}{rcl}
 2^0 & = & 1 \\
 2^1 & = & 2 \\
 2^2 & = & 4 \\
 2^3 & = & 8 \\
 2^4 & = & 16 \\
 2^5 & = & 32
 \end{array}$$

$$\begin{array}{r}
 m: 4368 \\
 n: -2989 \\
 \hline
 1379
 \end{array}$$

```

public static int decimalSubtraction(int n, int m) {
    int ans = 0, pow = 1, borrow = 0;
    while (m != 0) {
        int sub = borrow + m % 10 - n % 10;
        n /= 10;
        m /= 10;

        if (sub < 0) {
            sub += 10;
            borrow = -1;
        } else
            borrow = 0;

        ans += sub * pow;
        pow *= 10;
    }

    return ans;
}

```

$$\begin{aligned}
 \text{GM} &= 9 \times 1 + 7 \times 10^1 + 3 \times 10^2 + 1 \times 10^3 \\
 \text{pow} &= 10^0, 10^1, 10^2, 10^3, 10^4
 \end{aligned}$$

$$(0, 4368, 2989), \quad (0 + 8 - 9) = -1 \neq 0 \neq 9$$

↓

$$(-1, 436, 298), \quad (-1 + 6 - 8) = -3 \neq 10 \neq 7$$

↓

$$(-1, 43, 29), \quad (-1 + 3 - 9) = -7 \neq 10 \neq 3$$

↓

$$(-1, 4, 2), \quad (-1 + 4 - 2) = 1$$

$$(-1, 4, 2)$$

↓

$$(0, 0, 0)$$

$$\boxed{1379}$$

$$\begin{array}{r}
 31231 \\
 \times 237 \\
 \hline
 124927 \times 10^0 \\
 936930 \times 10^1 \\
 6246200 \times 10^2 \\
 \hline
 \end{array}$$

$$(31231, 237) = 31231 \times 7 = 124927$$

↓

$$(31231, 23) = 31231 \times 3 = 93693$$

↓

$$(31231, 2) = 31231 \times 2 = 62462$$

$$\text{ADD } (0, 124927) = 124927$$

$$\text{ADD } (124927, 93693 \times 10^1) = 1061854$$

$$\text{ADD } (1061854, 62462 \times 10^2) =$$