

Il faut décomposer le multiplicateur et écrire tous les produits à calculer.

527 x 46 :

46 est le multiplicateur.

$$46 = 40 + 6$$

$$527 \times 46 = 527 \times 40 + 527 \times 6$$

|             | m  | c              | d | u |   |
|-------------|----|----------------|---|---|---|
|             |    | 5              | 2 | 7 |   |
| x           |    |                | 4 | 6 |   |
| 527 x 6 ->  | 3  | <sup>1</sup> 1 | 6 | 2 |   |
| 527 x 40 -> | +2 | 1              | 0 | 8 | 0 |
|             | 2  | 4              | 2 | 4 | 2 |

|   |   |   |   |
|---|---|---|---|
| 3 | 1 | 4 |   |
| m | c | d | u |

|    |   |   |   |   |
|----|---|---|---|---|
| 2  | 1 | 2 |   |   |
| dm | m | c | d | u |

527 x 446 :

446 est le multiplicateur.

$$446 = 400 + 40 + 6$$

$$527 \times 446 = 527 \times 400 + 527 \times 40 + 527 \times 6$$

|              | cm | dm | m | c              | d | u |
|--------------|----|----|---|----------------|---|---|
|              |    |    |   | 5              | 2 | 7 |
|              |    | x  |   | 4              | 4 | 6 |
| 527 x 6 ->   |    |    | 3 | <sup>1</sup> 1 | 6 | 2 |
| 527 x 40 ->  |    | +2 | 1 | 0              | 8 | 0 |
| 527 x 400 -> | +2 | 1  | 0 | 8              | 0 | 0 |
|              | 2  | 3  | 5 | 0              | 4 | 2 |

|   |   |   |   |
|---|---|---|---|
| 3 | 1 | 4 |   |
| m | c | d | u |

|    |   |   |   |   |
|----|---|---|---|---|
| 2  | 1 | 2 |   |   |
| dm | m | c | d | u |

|    |    |   |   |   |   |
|----|----|---|---|---|---|
| 2  | 1  | 2 |   |   |   |
| cm | dm | m | c | d | u |