



Multiplier par un nombre avec des zéros intercalés

Correction

1 Cherche l'ordre de grandeur de ces multiplications

$39 \times 201 \Rightarrow 40 \times 200 = 8\ 000$

$739 \times 709 \Rightarrow 700 \times 700 = 490\ 000$

$971 \times 305 \Rightarrow 1\ 000 \times 300 = 300\ 000$

2 Effectue ces opérations

| | | | | | |
|-------|---|---|---|---|---|
| | | | | 3 | 9 |
| x | | | 7 | 0 | 1 |
| <hr/> | | | | | |
| | | | | 3 | 9 |
| | 2 | 7 | 3 | 0 | 0 |
| <hr/> | | | | | |
| | 2 | 7 | 3 | 3 | 9 |

| | | | | | |
|-------|---|---|---|---|---|
| | | | 7 | 3 | 9 |
| x | | | 7 | 0 | 9 |
| <hr/> | | | | | |
| | | 6 | 6 | 5 | 1 |
| 5 | 1 | 7 | 3 | 0 | 0 |
| <hr/> | | | | | |
| 5 | 2 | 3 | 9 | 5 | 1 |

| | | | | | | |
|-------|---|---|---|---|---|---|
| | | | | 9 | 7 | 1 |
| x | | | | 3 | 0 | 5 |
| <hr/> | | | | | | |
| | | | 4 | 8 | 5 | 5 |
| | 2 | 9 | 1 | 3 | 0 | 0 |
| <hr/> | | | | | | |
| | 2 | 9 | 6 | 1 | 5 | 5 |

3 Pose et effectue ces multiplications

$28 \times 204 =$

| | | | | | |
|-------|---|---|---|---|---|
| | | | | 2 | 8 |
| x | | | 2 | 0 | 4 |
| <hr/> | | | | | |
| | | | 1 | 1 | 2 |
| | 5 | 6 | 0 | 0 | |
| <hr/> | | | | | |
| | 5 | 7 | 1 | 2 | |

$469 \times 603 =$

| | | | | | |
|-------|---|---|---|---|---|
| | | | 4 | 6 | 9 |
| x | | | 6 | 0 | 3 |
| <hr/> | | | | | |
| | | 1 | 4 | 0 | 7 |
| 2 | 8 | 1 | 4 | 0 | 0 |
| <hr/> | | | | | |
| 2 | 8 | 2 | 8 | 0 | 7 |

$324 \times 702 =$

| | | | | | | |
|-------|---|---|---|---|---|---|
| | | | | 3 | 2 | 4 |
| x | | | | 7 | 0 | 2 |
| <hr/> | | | | | | |
| | | | | 6 | 4 | 8 |
| | 2 | 2 | 6 | 8 | 0 | 0 |
| <hr/> | | | | | | |
| | 2 | 2 | 7 | 4 | 4 | 8 |