

## Cálculo Mental 6º de EP 15

### Multiplicar un número por 9

Para multiplicar un nº por 9 podemos multiplicarlo por 10 (añadir un cero) y restar el número.

$$25 \cdot 9 = 25 \cdot (10 - 1) = (25 \cdot 10) - (25 \cdot 1) = 250 - 25 = 225$$

Podemos generalizar esta idea a multiplicaciones por 99 (añadir dos ceros y restar el nº), 999, ...etc.

$$25 \cdot 99 = 25 \cdot (100 - 1) = (25 \cdot 100) - (25 \cdot 1) = 2500 - 25 = 2475$$

- |       |            |                                                                                                                                                                      |
|-------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I.    | 20 × 99 =  | <input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/><br><input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/> |
| II.   | 20 × 999 = | <input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/><br><input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/> |
| III.  | 17 × 99 =  | <input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/><br><input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/> |
| II.   | 4 × 999 =  | <input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/><br><input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/> |
| V.    | 6 × 99 =   | <input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/><br><input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/> |
| VI.   | 55 × 99 =  | <input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/><br><input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/> |
| VII.  | 2 × 999 =  | <input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/><br><input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/> |
| VIII. | 7 × 999 =  | <input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/><br><input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/> |
| IX.   | 12 × 9 =   | <input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/><br><input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/> |
| X.    | 12 × 99 =  | <input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/><br><input style="width: 80px; height: 25px; border: 1px solid black;" type="text"/> |