

## TEMA 6. NOTACIÓN CIENTÍFICA

### 6.1. Notación científica estándar

Instrucciones: Arrastra el cuadro correspondiente, de acuerdo a su equivalencia.

|                            |  |                            |  |
|----------------------------|--|----------------------------|--|
| 1) 5 910 000               |  | 2) $2.036 \times 10^5$     |  |
| 3) 2 106 000 000           |  | 4) 0.00000256              |  |
| 5) $1.02 \times 10^8$      |  | 6) $7.41 \times 10^{-5}$   |  |
| 7) 0.00000745              |  | 8) $3.2501 \times 10^{-3}$ |  |
| 9) $-1.03 \times 10^6$     |  | 10) 102.5                  |  |
| 11) 291 000 000 000        |  | 12) $-4 \times 10^{-4}$    |  |
| 13) 0.12                   |  | 14) -24.01003              |  |
| 15) 14 020                 |  | 16) $9.26 \times 10^2$     |  |
| 17) $-6.12 \times 10^{-8}$ |  | 18) 8 041 000 000 000      |  |

| RESPUESTAS          |                       |                         |                        |                       |
|---------------------|-----------------------|-------------------------|------------------------|-----------------------|
| -1 030 000          | $2.106 \times 10^9$   | -0.0000000612           | 926                    | $1.2 \times 10^{-1}$  |
| 0.0032501           | $2.56 \times 10^{-6}$ | -0.0004                 | $2.91 \times 10^{11}$  | $2.56 \times 10^{-4}$ |
| $1.402 \times 10^4$ | $1.025 \times 10^2$   | $5.91 \times 10^6$      | 0.0000741              | $7.45 \times 10^{-6}$ |
| 0.00004             | 102 000 000           | $-2.401003 \times 10^1$ | $8.041 \times 10^{12}$ | 203 600               |

**Instrucciones:** Selecciona la notación científica estándar que corresponda al ejercicio indicado.

|                                  |                           |                          |
|----------------------------------|---------------------------|--------------------------|
| 1) $13.066 \times 10^5 =$        | $1.3066 \times 10^4$      | $1.3066 \times 10^6$     |
| 2) $0.036 \times 10^5 =$         | $3.6 \times 10^3$         | $3.6 \times 10^7$        |
| 3) $201.036 \times 10^7 =$       | $2.01036 \times 10^5$     | $2.01036 \times 10^9$    |
| 4) $0.003 \times 10^8 =$         | $3.0 \times 10^5$         | $3.0 \times 10^{11}$     |
| 5) $1104.02 \times 10^8 =$       | $1.10402 \times 10^5$     | $1.10402 \times 10^{11}$ |
| 6) $12.02 \times 10^5 =$         | $1.202 \times 10^4$       | $1.202 \times 10^6$      |
| 7) $0.0106 \times 10^{-2} =$     | $1.06 \times 10^{-4}$     | $1.06 \times 10^0$       |
| 8) $402.15 \times 10^{-7} =$     | $4.0215 \times 10^{-9}$   | $4.0215 \times 10^{-5}$  |
| 9) $1020.04 \times 10^{-3} =$    | $1.02004 \times 10^{-6}$  | $1.02004 \times 10^0$    |
| 10) $0.0001252 \times 10^{-7} =$ | $1.252 \times 10^{-11}$   | $1.252 \times 10^{-3}$   |
| 11) $412.02 \times 10^{-5} =$    | $4.1202 \times 10^{-7}$   | $4.1202 \times 10^{-3}$  |
| 12) $12680.01 \times 10^2 =$     | $1.268001 \times 10^{-2}$ | $1.268001 \times 10^6$   |