

# Enteros (sumas/restas)

## Ficha 1. Conceptos básicos

### 1.1. Indica verdadero (V) o falso (F) y explica:

\_\_\_ "+3" se puede simplificar como "3" Expl. ....

\_\_\_ "4" se puede escribir como "4" Expl. ....

\_\_\_ "-2" se puede simplificar como "2" Expl. ....

\_\_\_ "1" se puede escribir como "-1" Expl. ....

\_\_\_ "3 + - 4" se puede escribir como "3 + (-4)" Expl. ....

\_\_\_ "2 - + 1" se puede escribir como "2 (+ -1)" Expl. ....

### 1.2. Simplifica las expresiones:

$$+(-1) = \underline{\quad}$$

$$+(+3) = \underline{\quad}$$

$$- (+2) = \underline{\quad}$$

$$- (-4) = \underline{\quad}$$

$$- (+5) = \underline{\quad}$$

$$- (-7) = \underline{\quad}$$

$$+ (-8) = \underline{\quad}$$

$$+ (+6) = \underline{\quad}$$

### 1.3. Une las expresiones:

a.  $+(-1 + 2) =$             **+1 +2**

b.  $-(-1 + 2) =$             **-1 -2**

c.  $-(-1 -2) =$             **+1 -2**

d.  $- (+1 + 2) =$             **-1 +2**

**Ficha 2. Sumar/restar dos enteros****2.1. Resuelve:**

$$(+2) + (-1) =$$

$$= \underline{\quad} \underline{\quad} =$$

$$= \underline{\quad}$$

$$(+2) + (+1) =$$

$$= \underline{\quad} \underline{\quad} =$$

$$= \underline{\quad}$$

$$(-2) + (+1) =$$

$$= \underline{\quad} \underline{\quad} =$$

$$= \underline{\quad}$$

$$(-2) + (-1) =$$

$$= \underline{\quad} \underline{\quad} =$$

$$= \underline{\quad}$$

**2.2. Resuelve:**

$$(+2) - (-1) =$$

$$= \underline{\quad} \underline{\quad} =$$

$$= \underline{\quad}$$

$$(+4) - (+5) =$$

$$= \underline{\quad} \underline{\quad} =$$

$$= \underline{\quad}$$

$$(-2) - (+4) =$$

$$= \underline{\quad} \underline{\quad} =$$

$$= \underline{\quad}$$

$$(-8) - (-5) =$$

$$= \underline{\quad} \underline{\quad} =$$

$$= \underline{\quad}$$

**2.3. Resuelve:**

$$4 + (-3) =$$

$$= \underline{\quad} \underline{\quad} =$$

$$= \underline{\quad}$$

$$-4 + (+3) =$$

$$= \underline{\quad} \underline{\quad} =$$

$$= \underline{\quad}$$

$$-4 - (-3) =$$

$$= \underline{\quad} \underline{\quad} =$$

$$= \underline{\quad}$$

$$4 - (+3) =$$

$$= \underline{\quad} \underline{\quad} =$$

$$= \underline{\quad}$$

**Ficha 3. Sumar/restar varios enteros****3.1. Marca el 1<sup>er</sup> error (y corrígelo hasta dar con el valor final correcto):**

$$4 + (-3) - (+2) =$$

$$= +4 - 3 - 2 =$$

$$= +4 + 6 =$$

$$= +10$$

$$-4 - (-3) + (-2) =$$

$$= -4 + 3 + 2 =$$

$$= +5 - 4 =$$

$$= +1$$

$$-4 - (+3) - (-2) =$$

$$= -4 - 3 + 2 =$$

$$= +2 - 7 =$$

$$= +5$$

$$-4 - (-3) - (+2) =$$

$$= -4 + 3 - 2 =$$

$$= +3 + 8 =$$

$$= +11$$

**3.2. Resuelve:**

$$\begin{aligned}
 & -5 + (3 - 2 + 1) = \\
 & = \underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad} = \\
 & = \underline{\quad} \underline{\quad} = \\
 & = \underline{\quad}
 \end{aligned}$$

$$\begin{aligned}
 & -(3 - 2 + 1) + 5 = \\
 & = \underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad} = \\
 & = \underline{\quad} \underline{\quad} = \\
 & = \underline{\quad}
 \end{aligned}$$

**3.3. Resuelve:**

$$\begin{aligned}
 & (-5 + 1) + (2 - 3) = \\
 & = \underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad} = \\
 & = \underline{\quad} \underline{\quad} = \\
 & = \underline{\quad}
 \end{aligned}$$

$$\begin{aligned}
 & -(-3 + 2) - (4 - 5) = \\
 & = \underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad} = \\
 & = \underline{\quad} \underline{\quad} = \\
 & = \underline{\quad}
 \end{aligned}$$

**Ficha 4. Sumar/restar enteros con ( ) y [ ]**

**4.1. Resuelve:**

$$\begin{aligned}
 & (-1) + [(-2) + (-3) - (-4)] = \\
 & = \underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad} = \\
 & = \underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad} = \\
 & = \underline{\quad} \underline{\quad} = \\
 & = \underline{\quad}
 \end{aligned}$$

**4.2. Resuelve:**

$$\begin{aligned}
 & -[(-2) - (+3) + (-4)] + (-1) = \\
 & = \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} = \\
 & = \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} = \\
 & \quad \quad \quad = \underline{\quad} \quad \underline{\quad} = \\
 & \quad \quad \quad \quad = \underline{\quad}
 \end{aligned}$$

**4.3. Resuelve:**

$$\begin{aligned}
 & [(+1) - (-2)] - [(-3) - (+4)] = \\
 & = \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} = \\
 & = \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} = \\
 & \quad \quad \quad = \underline{\quad} \quad \underline{\quad} = \\
 & \quad \quad \quad \quad = \underline{\quad}
 \end{aligned}$$

**4.3. Resuelve:**

$$\begin{aligned}
 & [(-1) - (+2) + (-3)] - (-4) = \\
 & = \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} = \\
 & = \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} = \\
 & \quad \quad \quad = \underline{\quad} \quad \underline{\quad} = \\
 & \quad \quad \quad \quad = \underline{\quad}
 \end{aligned}$$