

# 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:

$$+(-1) = \underline{\quad\quad} \qquad \qquad \qquad +(+3) = \underline{\quad\quad}$$

$$-(-2) = \underline{\quad\quad} \qquad \qquad \qquad -(-4) = \underline{\quad\quad}$$

$$-(-5) = \underline{\quad\quad} \qquad \qquad \qquad -(-7) = \underline{\quad\quad}$$

$$+(-8) = \underline{\quad\quad} \qquad \qquad \qquad +(+6) = \underline{\quad\quad}$$

### 1.3. Une las expresiones:

a.  $+(-1+2) =$                        $\underline{\quad\quad} \quad +1+2$

b.  $-(-1+2) =$                        $\underline{\quad\quad} \quad -1-2$

c.  $-(-1-2) =$                        $\underline{\quad\quad} \quad +1-2$

d.  $-(-1+2) =$                        $\underline{\quad\quad} \quad -1+2$

**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:**

$$-[-(-2) - (+3) + (-4)] + (-1) =$$

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

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

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

$$= \underline{\quad}$$

**4.3. Resuelve:**

$$[(+1) - (-2)] - [(-3) - (+4)] =$$

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

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

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

$$= \underline{\quad}$$

**4.3. Resuelve:**

$$[(-1) - (+2) + (-3)] - (-4) =$$

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

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

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

$$= \underline{\quad}$$