



**1** Completa y calcula.

$$a) \begin{array}{cccccccc} & \overbrace{6-3+9} & - & \overbrace{5-7+4} & = & \boxed{19} & - & \boxed{15} & = & \boxed{4} \\ & \underbrace{\quad\quad\quad} & & \underbrace{\quad\quad\quad} & & & & & & \end{array}$$

$$b) \begin{array}{cccccccc} & \overbrace{8-4-6} & - & \overbrace{7+11+5} & = & \boxed{24} & - & \boxed{17} & = & \boxed{7} \\ & \underbrace{\quad\quad\quad} & & \underbrace{\quad\quad\quad} & & & & & & \end{array}$$

$$c) \begin{array}{cccccccc} & \overbrace{3-5+8} & - & \overbrace{7-4+2} & = & \boxed{13} & - & \boxed{16} & = & \boxed{-3} \\ & \underbrace{\quad\quad\quad} & & \underbrace{\quad\quad\quad} & & & & & & \end{array}$$

$$d) 10 - 15 - 13 + 8 - 6 - 4 = \boxed{18} - \boxed{38} = \boxed{-20}$$

**2** Elimina paréntesis y, después, calcula.

$$a) 12 - (+5) = 12 \ominus \boxed{5} = \boxed{7}$$

$$b) 6 - (-3) = 6 \oplus \boxed{3} = \boxed{9}$$

$$c) 8 + (-2) = 8 \ominus \boxed{2} = \boxed{6}$$

**3** Elimina paréntesis y resuelve.

$$a) 5 + (4 - 11) = 5 \oplus \boxed{4} \ominus \boxed{11} = \boxed{9} - \boxed{11} = \boxed{-2}$$

$$b) 2 - (7 - 10) = 2 \ominus \boxed{7} \oplus \boxed{10} = \boxed{12} - \boxed{7} = \boxed{5}$$

$$c) 15 + (8 - 4 - 3 + 9) = \boxed{15} + \boxed{8} - \boxed{4} - \boxed{3} + \boxed{9} = \boxed{32} - \boxed{7} = \boxed{25}$$

$$d) 13 - (5 + 12 + 4 - 7) = \boxed{13} - \boxed{5} - \boxed{12} - \boxed{4} + \boxed{7} = \boxed{20} - \boxed{21} = \boxed{-1}$$



## 7. Actividades guiadas: expresiones con sumas y restas

**4** Calcula, operando primero dentro de los paréntesis.

$$\begin{aligned} \text{a) } 9 - (7 - 12) + (4 - 6) &= 9 - (-5) + (-2) = \\ &= 9 + 5 - 2 = 14 - 2 = 12 \end{aligned}$$

$$\begin{aligned} \text{b) } 6 + (4 - 6) - (12 - 5) &= 6 + (-2) - (+7) = \\ &= 6 - 2 - 7 = 6 - 9 = -3 \end{aligned}$$

$$\begin{aligned} \text{c) } (7 - 10) - (5 - 4) - (2 - 8) &= (-3) - (+1) - (-6) = \\ &= -3 - 1 + 6 = 6 - 4 = 2 \end{aligned}$$

$$\begin{aligned} \text{d) } (9 - 5 - 3 + 1) - (7 - 8 - 12) &= (10 - 8) - (7 - 20) = \\ &= (+2) - (-13) = 2 + 13 = 15 \end{aligned}$$

**5** Opera.

$$\text{a) } 5 - [6 + (-8)] = 5 - [6 - 8] = 5 - [-2] = 5 + 2 = 7$$

$$\text{b) } 4 + [1 - (5 + 6)] = 4 + [1 - 11] = 4 + [-10] = 4 - 10 = -6$$

$$\text{c) } (7 - 9) - [12 + (5 - 8)] = (-2) - [12 + (-3)] = -2 - [12 - 3] = -2 - [9] = -2 - 9 = -11$$