



7. Actividades guiadas: expresiones con sumas y restas

Soluciones

1 Completa y calcula.

$$a) \overbrace{6 - 3 + 9} - \overbrace{5 - 7 + 4} = \boxed{19} - \boxed{15} = \boxed{4}$$

$$b) \overbrace{8 - 4 - 6} - \overbrace{7 + 11 + 5} = \boxed{24} - \boxed{17} = \boxed{7}$$

$$c) \overbrace{3 - 5 + 8} - \overbrace{7 - 4 + 2} = \underline{13 - 16 = -3}$$

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

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.

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

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

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

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



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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.

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

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

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