

Ejercicio 19

$$\begin{aligned} \text{a)} \quad & 2^3 + 4 \cdot 5 = \\ & = 8 + 4 \cdot 5 = \\ & = 8 + 20 = \\ & = 28 \end{aligned}$$

$$\begin{aligned} \text{c)} \quad & 2 \cdot (5+6)^2 = \\ & = 2 \cdot 11^2 = \\ & = 2 \cdot 121 = \\ & = 242 \end{aligned}$$

$$\begin{aligned} \text{e)} \quad & 3 + \sqrt{16} + 2 \cdot (3^2 - 4) = \\ & = 3 + 4 + 2 \cdot (9 - 4) = \\ & = 3 + 4 + 2 \cdot 5 = \\ & = 3 + 4 + 10 = \\ & = 17 \end{aligned}$$

$$\begin{aligned} \text{g)} \quad & 5 \cdot (8-2) - 2^2 = \\ & = 5 \cdot 6 - 2^2 = \\ & = 5 \cdot 6 - 4 = \\ & = 30 - 4 = \\ & = 26 \end{aligned}$$

$$\begin{aligned} \text{i)} \quad & 2^2 \cdot 4 + \sqrt{49} = \\ & = 4 \cdot 4 + 7 = \\ & = 16 + 7 = \\ & = 23 \end{aligned}$$

$$\begin{aligned} \text{b)} \quad & 8 \cdot (5+2) - 6^2 = \\ & = 8 \cdot 7 - 6^2 = \\ & = 8 \cdot 7 - 36 = \\ & = 56 - 36 = \\ & = 20 \end{aligned}$$

$$\begin{aligned} \text{d)} \quad & \sqrt{144} : \sqrt{16} + 2 \cdot 5 = \\ & = 12 : 4 + 2 \cdot 5 = \\ & = 3 + 10 = \\ & = 13 \end{aligned}$$

$$\begin{aligned} \text{f)} \quad & 2^3 \cdot 3 + \sqrt{25} - 2 - \sqrt{36} = \\ & = 8 \cdot 3 + 5 - 2 - 6 = \\ & = 24 + 5 - 2 - 6 = \\ & = 21 \end{aligned}$$

$$\begin{aligned} \text{h)} \quad & \sqrt{25} - \sqrt{16} + 3^3 = \\ & = 5 - 4 + 27 = \\ & = 28 \end{aligned}$$

$$\begin{aligned} \text{j)} \quad & 4 \cdot (5-3) + 3^2 = \\ & = 4 \cdot 2 + 3^2 = \\ & = 4 \cdot 2 + 9 = \\ & = 8 + 9 = \\ & = 17 \end{aligned}$$

$$\begin{aligned} \text{k)} \quad & \sqrt{36} + \sqrt{25} - 1 = \\ & = 6 + 5 - 1 = \\ & = 10 \end{aligned}$$

$$\begin{aligned} \text{l)} \quad & 6^2 : \sqrt{36} + 2 \cdot (2^2 - 2)^2 = \\ & = 36 : 6 + 2 \cdot (4 - 2)^2 = \\ & = 36 : 6 + 2 \cdot 2^2 = \\ & = 36 : 6 + 2 \cdot 4 = \\ & = 6 + 8 = 14 \end{aligned}$$