

Enunciados

Realiza las siguientes operaciones y da el resultado del modo más sencillo que sea posible (fracción irreducible o número entero).

$$\textcircled{1} \quad 8 \cdot \left(1 + \frac{1}{2} + \frac{5}{12}\right)$$

$$\textcircled{2} \quad 2 + \frac{3}{11} : \frac{9}{22}$$

$$\textcircled{3} \quad \frac{4}{3} \cdot \left(\frac{3}{2} - \frac{5}{4}\right)$$

$$\textcircled{4} \quad \frac{6}{8} + \frac{12}{16} + \frac{1}{4} \cdot \frac{8}{3}$$

$$\textcircled{5} \quad \left(\left(\frac{3}{2}\right)^2 + 1\right) : \left(\frac{3}{4} + \frac{1}{2}\right)$$

$$\textcircled{6} \quad \left(3 - \frac{2}{5}\right) : \left(\frac{3}{5} - 2\right)$$

$$\textcircled{7} \quad \left(1 - \frac{2}{3}\right) : \left(2 + \frac{2}{3}\right) \cdot \frac{16}{5}$$

$$\textcircled{8} \quad \frac{3}{8} + \left(\frac{1}{2}\right)^3 - \frac{1}{2}$$

$$\textcircled{9} \quad \frac{45}{49} \cdot \frac{7}{45} - 2 : \frac{1}{3}$$

$$\textcircled{10} \quad \left(\frac{2}{3} - \frac{1}{5}\right) \cdot \left(\frac{1}{7} + \frac{3}{14}\right)$$

$$\textcircled{11} \quad \left(\frac{3}{5} - \frac{1}{3}\right) : 2$$

$$\textcircled{12} \quad \left(\frac{77}{55}\right)^2 + \frac{1}{25}$$

$$\textcircled{13} \quad \left(\frac{5}{6}\right)^2 \cdot \left(\frac{2}{5}\right)^2$$

$$\textcircled{14} \quad \frac{4}{6} - \frac{3}{5} \cdot \frac{25}{9} + 1$$

$$\textcircled{15} \quad \frac{4}{6} - \frac{12}{5} \cdot \frac{25}{9} + 2$$

$$\textcircled{16} \quad \left(2 + \frac{1}{3}\right) : \frac{2}{5} + \frac{1}{4}$$

$$\textcircled{17} \quad \left(\left(\frac{10}{15}\right)^3 + 1\right) : \left(\frac{2}{54} - \frac{8}{36}\right)$$

Soluciones

① $\frac{46}{3}$

② $\frac{8}{3}$

③ $\frac{1}{3}$

④ $\frac{13}{6}$

⑤ $\frac{13}{5}$

⑥ $-\frac{13}{4}$

⑦ $\frac{2}{5}$

⑧ 0

⑨ $-\frac{41}{7}$

⑩ $\frac{1}{6}$

⑪ $\frac{2}{15}$

⑫ 2

⑬ $\frac{1}{9}$

⑭ 0

⑮ -4

⑯ $\frac{73}{12}$

⑰ -7