

Enunciados

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

$$\textcircled{1} \quad \frac{4}{3} \cdot \frac{6}{5} + \frac{4}{5} \cdot \frac{11}{2}$$

$$\textcircled{2} \quad 9 \cdot \left(\frac{5}{6}\right)^2$$

$$\textcircled{3} \quad 2 - \frac{3}{5} \cdot \frac{10}{3}$$

$$\textcircled{4} \quad \left(1 - \frac{2}{5}\right)^2 - \frac{7}{35}$$

$$\textcircled{5} \quad \frac{8}{5} \cdot \frac{25}{16} + \frac{2}{3} - 2$$

$$\textcircled{6} \quad \left(\frac{1}{3} + \frac{1}{2}\right) \cdot 12$$

$$\textcircled{7} \quad \frac{1}{2} - \frac{21}{22} \cdot \frac{11}{3}$$

$$\textcircled{8} \quad \left(\frac{12}{11} : 3\right) : \frac{16}{33}$$

$$\textcircled{9} \quad \left(1 - \frac{1}{4}\right) : \left(2 - \frac{3}{5}\right)$$

$$\textcircled{10} \quad \left(3 + \frac{2}{3}\right) : \left(1 + \frac{5}{6}\right) \cdot \frac{5}{16}$$

$$\textcircled{11} \quad 12 \cdot \left(\frac{1}{2} - \frac{3}{4}\right)$$

$$\textcircled{12} \quad \left(3 : \frac{11}{12}\right) \cdot \frac{8}{12}$$

$$\textcircled{13} \quad \frac{3}{5} - \frac{3}{14} \cdot \frac{7}{9}$$

$$\textcircled{14} \quad \frac{8}{2} \cdot \frac{14}{7} \cdot \left(\frac{1}{10} - \frac{1}{5}\right)$$

$$\textcircled{15} \quad \frac{8}{12} - \frac{3}{5} \cdot \frac{25}{9} - 1$$

$$\textcircled{16} \quad 5 \cdot \left(\frac{4}{15} + \frac{1}{5}\right) : \left(3 + \frac{5}{3}\right)$$

$$\textcircled{17} \quad \left(3 - \frac{7}{5}\right)^2 \cdot \left(3 - \frac{1}{2}\right)^3$$

Soluciones

① 6

② $\frac{25}{4}$

③ 0

④ $\frac{8}{5}$

⑤ $\frac{7}{6}$

⑥ 10

⑦ -3

⑧ $\frac{3}{4}$

⑨ $\frac{15}{28}$

⑩ $\frac{5}{8}$

⑪ -3

⑫ $\frac{24}{11}$

⑬ $\frac{13}{30}$

⑭ $-\frac{4}{5}$

⑮ -2

⑯ $\frac{1}{2}$

⑰ 40