

Suma i resta de fraccions

a) $\frac{4}{7} + \frac{2}{5} = \frac{\square}{\square}$

b) $\frac{5}{6} - \frac{4}{10} = \frac{\square}{\square}$

c) $\frac{-5}{10} + \frac{3}{4} = \frac{\square}{\square}$

d) $\frac{8}{12} - \frac{1}{3} = \frac{\square}{\square}$

e) $\frac{3}{5} + \frac{7}{11} = \frac{\square}{\square}$

k) $3 + \frac{2}{5} = \frac{\square}{\square}$

f) $\frac{1}{4} + \frac{7}{8} = \frac{\square}{\square}$

g) $\frac{2}{5} + \frac{3}{8} = \frac{\square}{\square}$

h) $\frac{-12}{13} + \frac{6}{26} = \frac{\square}{\square}$

i) $\frac{8}{6} - \frac{3}{7} + \frac{1}{3} = \frac{\square}{\square}$

j) $\frac{2}{5} + \frac{3}{10} - \frac{4}{3} = \frac{\square}{\square}$

l) $2 - \frac{7}{3} = \frac{\square}{\square}$

Multiplacació i divisió de fraccions

a) $\frac{3}{7} \cdot \left(\frac{-4}{9}\right) = \frac{\square}{\square}$

b) $\frac{-1}{8} : \frac{4}{3} = \frac{\square}{\square}$

c) $\frac{-1}{8} : \frac{3}{4} = \frac{\square}{\square}$

d) $\frac{-8}{9} \cdot \left(\frac{-9}{8}\right) = \frac{\square}{\square}$

e) $3 \cdot \frac{7}{5} = \frac{\square}{\square}$

k) $\frac{35}{12} \cdot \frac{48}{21} = \frac{\square}{\square}$

m) $\frac{48}{9} : \frac{32}{27} = \frac{\square}{\square}$

f) $\frac{5}{8} : \frac{2}{10} = \frac{\square}{\square}$

g) $\frac{6}{7} \cdot \frac{8}{6} = \frac{\square}{\square}$

h) $\frac{3}{5} : \frac{6}{7} = \frac{\square}{\square}$

i) $\frac{-4}{3} : \left(\frac{-6}{10}\right) = \frac{\square}{\square}$

j) $\frac{-4}{3} \cdot \left(\frac{-10}{6}\right) = \frac{\square}{\square}$

l) $\frac{-40}{11} \cdot \frac{22}{20} = \frac{\square}{\square}$

n) $\frac{-15}{24} : \frac{-50}{30} = \frac{\square}{\square}$

Potències i arrels

a) $\left(\frac{4}{7}\right)^2 = \frac{\square}{\square}$

b) $\left(\frac{-3}{2}\right)^2 = \frac{\square}{\square}$

c) $\left(\frac{-3}{2}\right)^5 = \frac{\square}{\square}$

d) $\sqrt{\frac{36}{49}} = \frac{\square}{\square}$

e) $\sqrt{\frac{25}{4}} = \frac{\square}{\square}$

f) $\left(\frac{3}{11}\right)^2 = \frac{\square}{\square}$

g) $\sqrt{\frac{1}{64}} = \frac{\square}{\square}$

h) $\sqrt{\frac{121}{16}} = \frac{\square}{\square}$

i) $-\left(\frac{2}{5}\right)^4 = \frac{\square}{\square}$

j) $\sqrt[4]{\frac{-9}{4}} = \frac{\square}{\square}$

Operacions combinades

$$\text{a)} \quad \frac{3}{5} : \left(\frac{1}{5} - \frac{3}{8} \right) = \frac{\square}{\square}$$

$$\text{b)} \quad \left(\frac{2}{5} + \frac{3}{4} \right) : \left(\frac{5}{6} - \frac{1}{4} \right) = \frac{\square}{\square}$$

$$\text{c)} \quad \left(\frac{4}{7} - \frac{2}{6} \right) \cdot \left(\frac{2}{4} + \frac{3}{8} \right) = \frac{\square}{\square}$$

$$\text{d)} \quad \left(\frac{3}{6} + \frac{2}{3} \right) : \left(\frac{6}{8} - \frac{2}{4} \right) = \frac{\square}{\square}$$

$$\text{e)} \quad \sqrt{\frac{49}{16}} + 5 \cdot \left(\frac{12}{5} - \frac{7}{10} \right) = \frac{\square}{\square}$$

$$\text{f)} \quad \frac{3}{5} : \left(\frac{4}{6} \right)^2 - \frac{8}{5} = \frac{\square}{\square}$$

Ampliació

$$\text{g)} \quad \frac{4}{7} - \left(\frac{5}{6} + \left(\sqrt{\frac{25}{36}} \cdot \frac{10}{12} \right) \cdot \frac{15}{6} \right) = \frac{\square}{\square}$$

$$\text{h)} \quad \frac{6}{32} : \frac{5}{8} - \frac{5}{4} : \left(\frac{8}{7} - \frac{10}{8} \right) = \frac{\square}{\square}$$

$$\text{i)} \quad \left(\frac{-5}{2} \right)^2 - \left[\frac{7}{4} - \frac{8}{3} : \frac{18}{12} + \left(\frac{1}{2} \right)^2 \right] = \frac{\square}{\square}$$

$$\text{j)} \quad 4 : \frac{7}{2} - \frac{6}{14} + \frac{(-3)^2}{7} = \frac{\square}{\square}$$