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

Multiplicació 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) $\sqrt{\frac{-9}{4}}=$

Operacions combinades

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

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

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

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

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

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

Ampliació

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

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

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

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