

Evaluare - operații cu numere raționale

Efectuați:

a) $\frac{1}{7} + \frac{5}{7} = \dots\dots$

b) $-\frac{9}{2} - \frac{1}{2} - \frac{7}{2} = \dots\dots$

c) $2\frac{1}{3} - \frac{7}{3} = \dots\dots\dots$

d) $\frac{1}{2} + \frac{3}{5} = \dots\dots\dots$

e) $0,(4) + \frac{1}{3} = \dots\dots\dots$

f) $12,5 - 0,1 = \dots\dots\dots$

i) $(-11) \cdot \frac{7}{11} = \dots\dots\dots$

l) $\frac{6}{7} \cdot \frac{7}{5} = \dots\dots\dots$

g) $31 + 3,1 + 0,31 = \dots\dots\dots$

h) $(-4) \cdot (-\frac{3}{5}) = \dots\dots\dots$

j) $\frac{2}{3} \cdot \frac{4}{5} = \dots\dots\dots$

k) $0,125 \cdot 10 = \dots\dots\dots$

m) $\frac{9}{2} : \frac{7}{5} = \dots\dots\dots$

n) $\frac{6}{11} : \frac{12}{55} = \dots\dots\dots$

o) $(-\frac{4}{5})^2 = \dots\dots\dots$

q) $(\frac{2009}{2010})^{-1} = \dots\dots\dots$

p) $(\frac{1}{3})^{2010} : (\frac{1}{3})^{2007} = \dots\dots\dots$

r) $(-\frac{2}{5})^{-2} = \dots\dots\dots$

s) $(-\frac{11}{7})^0 = \dots\dots\dots$

t) $\left[\left(\frac{3}{4} \right)^{22} \right]^3 : \left(\frac{3}{4} \right)^{64} = \dots\dots\dots$

- Timp de lucru, 30 minute
- Fiecare exercițiu se notează cu 4,5p
- Se acordă 10 p din oficiu