Πρόσθεση και αφαίρεση ρητών αριθμών

Άσκηση

Να γίνουν οι πράξεις

α) (-4) + (+3) –( -1)+ (-5)=

(-4) + (+3)+(+1)+ (-5)=

(-4)+ (-5) +(+3)+(+1)=

(-9) + (+4)= -5

β) (+4) - (-3) +( -1)+ (-5) + (+1)=

(+4) + (+3) +( -1)+ (-5) + (+1)=

(+4) + (+3) +(+1)+( -1)+ (-5)=

(+8) + (-6) =

+2

γ) (+2/4) – (-9/8) – (+1/2)=

$$\left(+\frac{2}{4}\right)+\left(+\frac{9}{8}\right)+\left(-\frac{1}{2}\right)=$$

(+2/4)+(+9/8)+(-1/2)=

$$\left(+\frac{4}{8}\right)+\left(+\frac{9}{8}\right)+\left(-\frac{4}{8}\right)=$$

0 +(+9/8)=9/8

δ) (-4/3) + ( - 5/6) – (-1/2) =

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

ΕΚΠ(3,2,6)=6

$$\left(-\frac{8}{6}\right)+\left(-\frac{5}{6}\right)+\left(+\frac{3}{6}\right)=$$

$$\left(-\frac{13}{6}\right)+\left(+\frac{3}{6}\right)=$$

$$-\frac{10}{6}=-\frac{10:2}{6:2}=-\frac{5}{3}$$