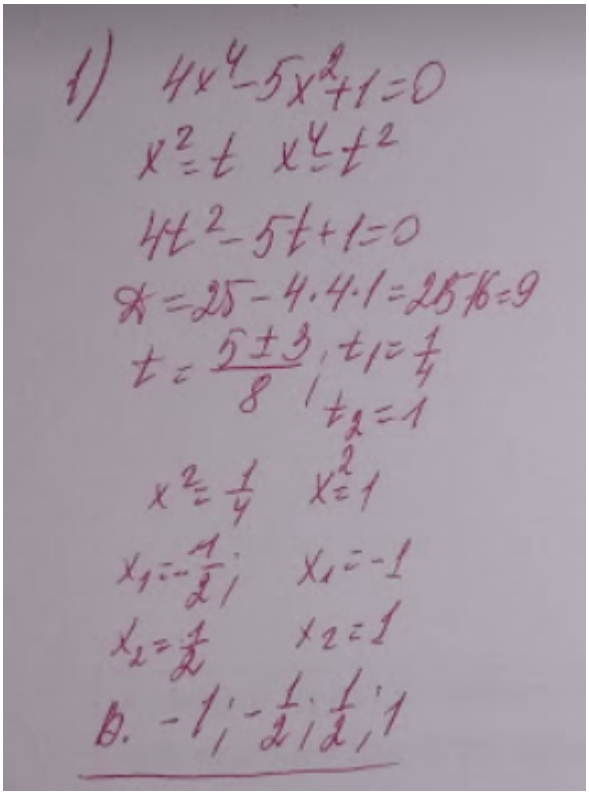
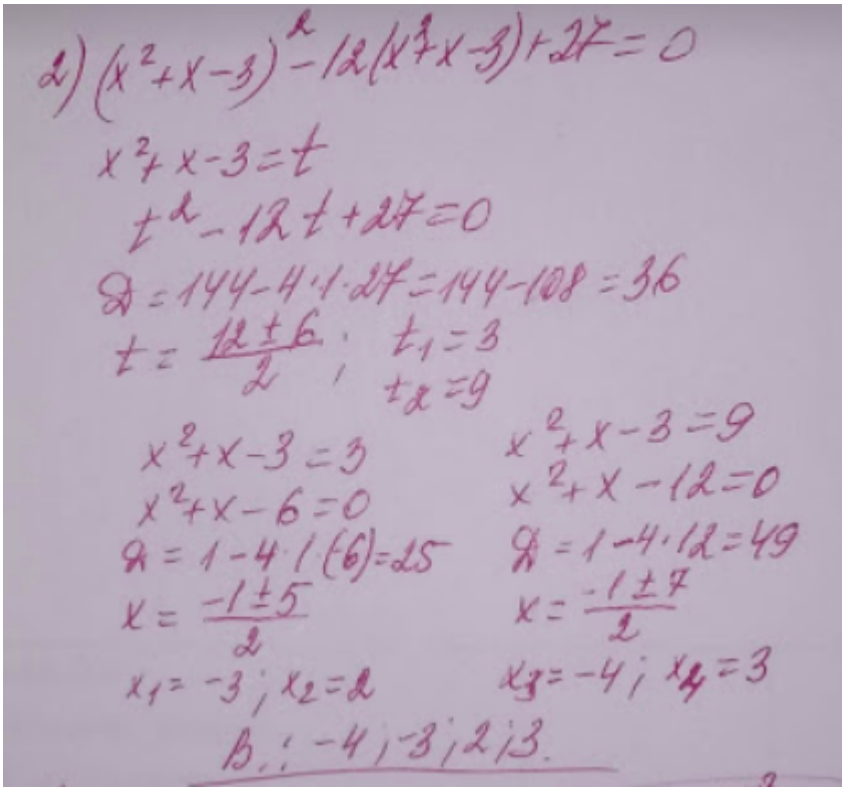
ДЗ за 30.04. Перевірити, виправити помилки, поставити самооцінку.





3) $\frac{2x^2+8+8x}{x^2+2}=0$.

$x^2+2\neq 0$.

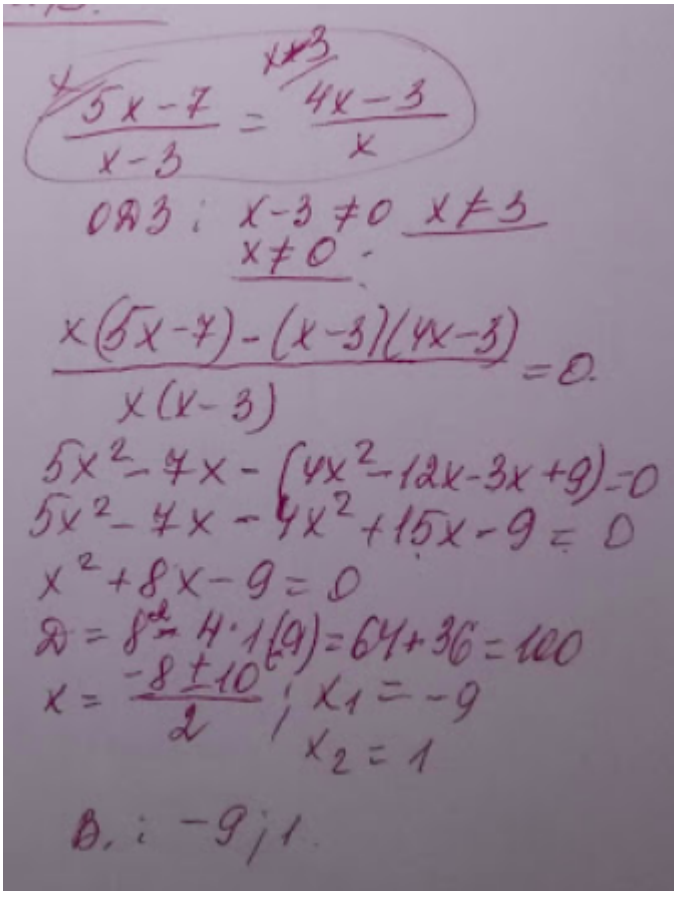
$2x^2+8x+8=0 \mid :2$

$x^2+4x+4=0$

$D=16-4\cdot 4=0$.

$x=\frac{-4}{2}=-2$

O.: -2



$\frac{5x-7}{x-3}=\frac{4x-3}{x}$ $x\neq 3$

ODZ: $x-3\neq 0$ $x\neq 3$

$x\neq 0$.

$\frac{x(5x-7)-(x-3)(4x-3)}{x(x-3)}=0$.

$5x^2-7x-(4x^2-12x-3x+9)=0$

$5x^2-7x-4x^2+15x-9=0$

$x^2+8x-9=0$

$D=8^2-4\cdot 1\cdot(-9)=64+36=100$

$x=\frac{-8\pm 10}{2}$; $x_1=-9$

$x_2=1$

O.: $-9; 1$.