4) (2x−7)/(x^2−9x+14) − 1/(x^2−3x+2) = −1/(1−x)
(2x-7)/(x-7)(x-2)-1/(x-2)(x-1)-1/(x-1)=0
(2x-7)(x-1)-1(x-7)-1(x-7)(x-2)/(x-7)(x-2)(x-1)
2x^2-2x-7x+7-x+7-x^2+2x+7x-14=0
x^2-x=0
x(x-1)=0
x=0
x=1

x!=7
x!=2
x!=1

Ответ:0

4.5) (2x+7)/ (x^2+5x−6) + 3 /(x^2+9x+18) = 1/(x+3)
(2x+7)/(x+6)(x-1)+3/(x+6)(x+3)-1/(x+3)=0
((2x+7)(x+3)+3(x-1)-(x+6)(x-1))/(x+6)(x-1)(x+3)=0
(2x^2+13x+21+3x-3-x^2-5x+6)/(x+6)(x-1)(x+3)=0
(x^2+11x+24)/(x+6)(x-1)(x+3)=0
x^2+11x+24=0
x1=-8
x2=-3
x!=-6
x!=1
x!=-3
Ответ:-8.