Тренажёр по теме «Решение линейных неравенств»

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|  | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | 5x>-20 | -7х<5.6 |  | 20- | 6y+30<0 | 2-x0 |
| 2 | 3x<-33 | 0.2x ≤ 10 |  | - | 5x-40>0 | х+20 |
| 3 | -7x>-56 | -0.6x>24 |  | - | 30d-5<0 | 2-x0 |
| 4 | -9x72 | 2.5x ≤ 10 |  | -+12<0 | -18z+27>0 | x>2x-1 |
| 5 | -8x-72 | -1.2x>3.6 |  | - | 3a+1>0 | 2x-3<1 |
| 6 | 6x<-54 | 1.2x<2.4 |  | - | 7-2a<0 | х+31 |
| 7 | -5x>-54 | -0.8x>16 |  | -14-x>0 | 3y+129 | x-2 |
| 8 | -9x | 0.4x ≤ 3.2 |  | - | 2y-5<0 | 2x+13x |

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|  | 7 | 8 | 9 | 10 |
| 1 | 3(7y-1)-8>64-3(5y-9) | (x+5)²>(x+7)²+16 | >1 | 7(x-4)+3 ˂ 3(2x-7)+x-8 |
| 2 | 5(4p+7)-38<11-6(3p-4) | (y-6)²<(y-2)²+8 | <11 | -12x+4(x-3 ) ≥ -8x-13 |
| 3 | 1-7(x+1)>3-x | (x-2)²-15(x+1)² |  | 10(x-3)+1 ˃ 5(2x+3) |
| 4 | 4-8(x-2)<10-4x | (2x-3)²-8x<(5-2x)² |  | 21(2x-1) ˃ 14(3x-2) |
| 5 | 10x-3(3x-2)<4 | (x-3)²-4>(x+2)² |  | 9(2x-1)+2 ˃ 2(9x-3) |
| 6 | 3x-4(2x-3)13 | (x+4)²-8(x+3)² |  | 8(2x-1)-2(8x-3) ≤ -3 |
| 7 | 2x-5(2-3x)>7 | (x+6)²<(x-9)²+16 |  | 7(2x-3)+4˂ 2(7x-10) |
| 8 | 10x-2(3x-2)<5 | (x-4)²+8>(x-2)² |  | 21(x-3)+20 < 7(3x-2) |

Ответы к тренажёру «Решение линейных неравенств»

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|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | x˃-4 | x˃-0.8 | x≥ 40 | x≤ 100 | у˂ -5 | x≤ 2 | y˃ 2 | x˂-10 | x≤ 0 | 0х<-4  Нет решений |
| 2 | x˂-11 | x≤ 50 | x≥ - | x˃72 | х˃ 8 | x≥ -2 | p˂1 | y˃ 3 | x≤ 7/9 | 0х≥ 1  Нет решений |
| 3 | x˂8 | x˂ -40 | x≤ | x˂-48 | d˂ | x≥ 2 | x˂ -1.5 | x≤ -2 | x˃ -13 | 0х >44  Нет решений |
| 4 | x≥-8 | x≤ 4 | x≤ | x˃ 36 | Z ˂ 1.5 | x˂ 1 | x˃ 2.5 | х-любое число | x≤ 3 | 0х>-7  x-Любое число |
| 5 | x≤ 9 | x˂ -3 | x≤ | x˂ -20 | a˃ - | x˂ 2 | x˂ -2 | x˂0,1 | x˃ -4 | 0х>1  Нет решений |
| 6 | x˂ -9 | x˂ 2 | x≤ 1 | x˂ -18 | a˃ 3.5 | X ≥ -2 | x≥ -0.2 | x≥ -0.5 | x≤ 0.6 | 0х≤ -1 Нет решений |
| 7 | x˂ 9 | x˂ -20 | x˃ | x˂ 28 | y≤ -1 | x≤ 2 | x˃ 1 | x˂ 10 | x˃ -1 | 0х<-3Нет решения |
| 8 | x≥ 7 | x≤ 8 | x˃ | x˂ 5 | y˂ 2.5 | x≥ 1 | x˂ | x˂ 5 | x≤ 0.375 | 0х<29  x-любое число |