

FIȘĂ DE LUCRU - Ecuații logaritmice

1. $\log_2(3x - 2) = 4$

2. $\log_3(-x^2 + 10x) = 2$

3. $\log_5(x^2 + 5x) = \log_5(2x - 2)$

4. $\log_4(x + 1) = \log_4(11 - x)$

5. $2\lg^2 x + 3\lg x - 2 = 0$

6. $\log_5(2x + 1) + \log_5(3 - x) = 1$

7. $\log_4(7x + 2) - \log_4(6 - x) = 1$

8. $\log_2(6x + 4) - 1 = \log_2(4x + 1)$

9. $\lg(x^2 - 6x + 5) - \lg(3 - x) = \lg 3$

10. $\lg(2x + 6) - 2\lg(2x - 3) = 1$