

Logaritme vergelijkingen oefeningen

Los op:

1. $5^t = 3$

2. $t^3 = 5$

3. $2^t = 4^{t-3}$

4. $27^t = 9^{2t-1}$

5. $5^t = 7^{t+4}$

6. $\log(x+2) + \log(x+2) = \log 4$

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

8. $5^6 = 25^{x+1}$

9. $3^t = \sqrt{5}$

10. $16^{t-1} = 64^{2t}$

11. $8 = 7^x$

12. ${}^x \log 7 = 3$

13. ${}^5 \log x = {}^7 \log 8$

14. $x = {}^x \log 3 \cdot {}^3 \log x$

15. ${}^2 \log x + \frac{1}{2} \log 3 + 1 = {}^2 \log(x^2 - \frac{1}{3})$

16. ${}^5 \log 5\sqrt{5} = x$

17. $3^t - 6 = 0$

18. $x = \frac{1}{3} \log \sqrt{27}$

19. $\log x + \log(x-3) = 1$

20. $(2^t)^2 - 7 \cdot (2^t) + 12 = 0$