

KODUNE ÜLESANNE, TÄHTAEG 14.01 KELL 23:59

Leia  $N$  väärustus.

- a)  $\log_2 N = 4, N = \dots$
- b)  $\log_3 N = 2, N = \dots$
- c)  $\log_4 N = 5, N = \dots$
- d)  $\log_{0,5} N = 3, N = \dots$
- e)  $\log_{\sqrt{2}} N = 2, N = \dots$

Leia arvu logaritm  $N$ .

- a)  $\log_2 8 = N, N = \dots$
- b)  $\log_3 81 = N, N = \dots$
- c)  $\log_5 125 = N, N = \dots$
- d)  $\log_{0,25} 16 = N, N = \dots$
- e)  $\log_2 8 = N, N = \dots$
- f)  $\log_{\sqrt{3}} \frac{1}{3} = N, N = \dots$

Leia logaritmi alus  $N$ .

- a)  $\log_N 4 = 2, N = \dots$
- b)  $\log_N 625 = 4, N = \dots$
- c)  $\log_N 343 = 3, N = \dots$
- d)  $\log_N 256 = -4, N = \dots$
- e)  $\log_{N,0,04} = -2, N = \dots$
- f)  $\log_N 625 = -4, N = \dots$

Leia avaldise täpne väärustus, kasutades logaritmi omadusi.

$$1. \log_2 5 + \log_2 6,4 = \log \quad = \log \quad =$$

$$2. 2 \log_{0,1} 2 + 2 \log_{0,1} 5 = \log \quad + \log \quad = \log \quad + \log \quad = \log \quad =$$

$$2. 0,5 \log_6 16 + \log_6 27 - 3 \log_6 \sqrt[3]{3} = \log \quad + \log \quad - \log \quad = \\ = \log \quad + \log \quad - \log \quad = \log \quad =$$