

Kvíz.

1. Čemu se rovná a , jestliže $\log_5 25 = a$?

$$a = 5$$

$$a = 2$$

$$a = 125$$

$$a = \frac{1}{2}$$

2. Čemu se rovná a , jestliže $\log_3 a = 4$?

$$a = 12$$

$$a = 64$$

$$a = -1$$

$$a = 81$$

3. Čemu se rovná a , jestliže $\log_a 64 = 3$?

$$a = 64^3$$

$$a = \frac{64}{3}$$

$$a = 4$$

$$a = \sqrt[3]{64}$$

4. Čemu se rovná a , jestliže $\log(0,001) = a$?

$$a = 1$$

$$a = -1$$

$$a = -2$$

$$a = -3$$

5. Čemu se rovná a , jestliže $\log a = -1$?

$$a = 9$$

$$a = 0,1$$

$$a = -10$$

$$a = (-1)^{10}$$

6. Čemu se rovná a , jestliže $\log_{\frac{1}{2}} a = 3$?

$$a = \frac{1}{8}$$

$$a = \frac{1}{6}$$

$$a = \sqrt[3]{\frac{1}{2}}$$

$$a = 3^{\frac{1}{2}}$$

7. Čemu se rovná a , jestliže $\log_a 5 = \frac{1}{3}$?

$$a = 5^{\frac{1}{3}}$$

$$a = 5^3$$

$$a = \left(\frac{1}{3}\right)^5$$

$$a = 3^5$$