

W 27996.

$$D = 3; V_1 = 8$$

$$A = d \cdot D \cdot T \cdot \log_2 \frac{V_1}{V_2}$$

$$d = 5,75; T = 300$$

$$A = 10350$$

$$\log_2 \frac{V_1}{V_2} = \frac{A}{d \cdot D \cdot T}$$

$$\log_2 \frac{V_1}{V_2} = \frac{10350}{5,75 \cdot 3 \cdot 300}$$

$$\log_2 \frac{V_1}{V_2} = 2$$

$$\frac{V_1}{V_2} = 2^2, \quad \frac{V_1}{V_2} = 4, \quad V_2 = \frac{V_1}{4}$$

$$V_2 = \frac{8}{4} = 2$$

Ombem: 2.