

Correct. Use the quotient property: $\log_b \frac{M}{N} = \log_b M - \log_b N$

$$\log_5 \left(\frac{y}{125} \right) = \log_5 y - \log_5 125$$

Now $125 = 5^3$, so $\log_5 125 = 3$. The ? represents the integer 3.