

Question#9383

Sub 26

Ques. 20

Condense to a single log expression:

$$\log_5 x - \log_5 y + 2$$

Solution:

$$\log_5 x - \log_5 y + 2 = \log_5 x - \log_5 y + \log_5 5^2 = \log_5 \frac{25x}{y}.$$

Answer:

$$\log_5 \frac{25x}{y}.$$