Evaluating Logarithms Using Product Rule

Evaluate each expression.

1) $2 \log_7 343 + \log_7 49$

2) $\log_9 27 + \log_9 3$

3)

5)

7) $\log_{11} 11 + \log_{11} 121$

8) $\log_2 256 + 4 \log_2 8$