

Worksheet #1 Lesson 4.4/4.5

Solve and check.

1) $\log_4 x^5 = 20$

2) $\log_4(x - 6)^2 = 6$

3) $\log_8 x + \log_8(x + 2) = 1$

4) $\log x - \log 10 = 1$

5) $\log 5 + \log(x + 7) = 2$

6) $\log(x + 9) = \log(2x - 7)$

7) $\log(x + 4) - \log 6 = 1$

8) $2\log x + \log 25 = 2$