Name _____

Logarithms

Find the value of x using Logarithm.

1) $\log_{10}(x) + \log_{10}(2) = 1$ -> x = 5

2) $\log_{2}(x) + \log_{2}(4) = 3$ -> x = 2

3) $\log_{5}(x) - \log_{5}(2) = 1$ -> x = 10

4) $\log_{10}(x) + \log_{10}(5) = 2$ -> x = 20

5) $\log_{3}(x) + \log_{3}(3) = 3$ -> x = 9

6) $\log_{4}(x) + \log_{4}(2) = 2$ -> x = 32

7) $\log_{2}(8) + \log_{2}(x) = 5$ -> x = 4

8) $\log_{10}(x) + \log_{10}(5) = 1$ -> x = 50

9) $\log_{3}(x) + \log_{3}(x) = 4$ -> x = 27

10) $\log_{2}(x) - \log_{2}(4) = 2$ -> x = 16

11) $\log_{7}(7) + \log_{7}(x) = 2$ -> x = 49

12) $\log_{2}(x) + \log_{2}(8) = 6$ -> x = 8