

**Logarithmic Equation**

Common Logarithm: S2

Solve each logarithmic equation. Round the answer to two decimal places.

1)  $\log_4 7x = 2.3$

x = 

2)  $2 \log_5 (x + 6) = 0.8$

x = 

3)  $\log_7 (x + 5.3) = 0$

x = **PREVIEW**

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5)  $\log_2 \left(\frac{x}{7}\right) = 2.4$

x = 

7)  $\log_7 (x - 3.7) = 0$

x = 

9)  $\log_5 (x - 2) = 0.7$

x = 

10)  $6 \log_2 (x + 3.5) = 4.8$

x =