

Logarithmic Equation

Common Logarithm: S1

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

1) $3 \log_2 (x + 3) = 1.5$

x =

2) $\log_4 (x - 8) = 0.8$

x =

3) $\log_9 4x = 0.06$

x =

5) $\log_4 \left(\frac{4.2}{x} \right) = 3.5$

x =

7) $\log_7 (x - 6.2) = 1.$

x =

9) $\log_2 8x = 2.7$

x =

10) $\log_3 \left(\frac{x}{0.9} \right) = 2.3$

x =

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