

Name _____ raw scaled percent

Math 11 Trimester 1 Quiz 6 (15 Points)
Exponents and logarithms

■ To receive full credit, provide a complete solution. Only exact answers will receive credit.

■ A. Answer the following.

[1] Solve for x . $8^x = \left(\frac{1}{4}\right)^{x-\pi}$

[2] Evaluate $\log_2 120 - \log_2 30$.

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[3] Evaluate $\frac{\log_{11} 49^{\sqrt{7}}}{7^{\log_{11} 7}}$.