Section 8.3 Solving Logarithmic and Exponential Equations Logarithmic Functions Day 2

Name: _____

Date: _____

Learning Goal 8.1	Solving exponential and logarithmic equations with same base
	and with different bases, including base <i>e</i> .

More Questions

Power Law	Product Law	Quotient Law	Change of Base

- 1. Solve for *x*. State any restrictions on the variable and verify your answers.
- a. $\log_7 x + \log_7 4 = \log_7 12$ b. $\log_2(x-6) = 3 - \log_2(x-4)$
- c. $\log_3(x^2 8x)^5 = 10$ d. $\log_2(x + 3)^2 = 4$