Name: _____   Date: _____   Period: _____

D3 Algebra 3-4 Homework

Directions: Round any decimal answers to the nearest hundredth. (Hint: This is a great way to review for your upcoming quiz)

Solve for x

1) $5^x - 10 = 55$

2) $log_4 x = 3$

3) $-6 \cdot 9^{2x} = -216$

5) $log_3(4x^3) - log_3(x) = 4$

4) $6 log_8(x) - 2 = 10$