Adv Alg 2 Sem 2 Week 6 TuesdayWarm-upEvaluate. Round answers to nearest hundredth if necessary.1.
$$\log_2 8 + 5^{\log_5 7} - \log_4 64$$
72. $\log_7 7^4 - \log_4 75$ 0.89

Solve for x. Round answers to nearest hundredth if necessary. 3. $\log_3 2 + \log_3 x = \log_3(x^2 - 15) \times = 5$ 4. $4 = \log_x 200 \times \approx 3.76$

Simplify. State any domain restrictions.

5.
$$\frac{27x^3-8}{9x^2-4}$$
 $\frac{9x^2+6x+4}{3x+2}, x \neq \pm \frac{2}{3}$ 6. $\frac{x^2-9x+20}{x^2-2x-8}$ $\frac{x-5}{x+2}x \neq 4, -2$

Chapter 7 Test is on Friday