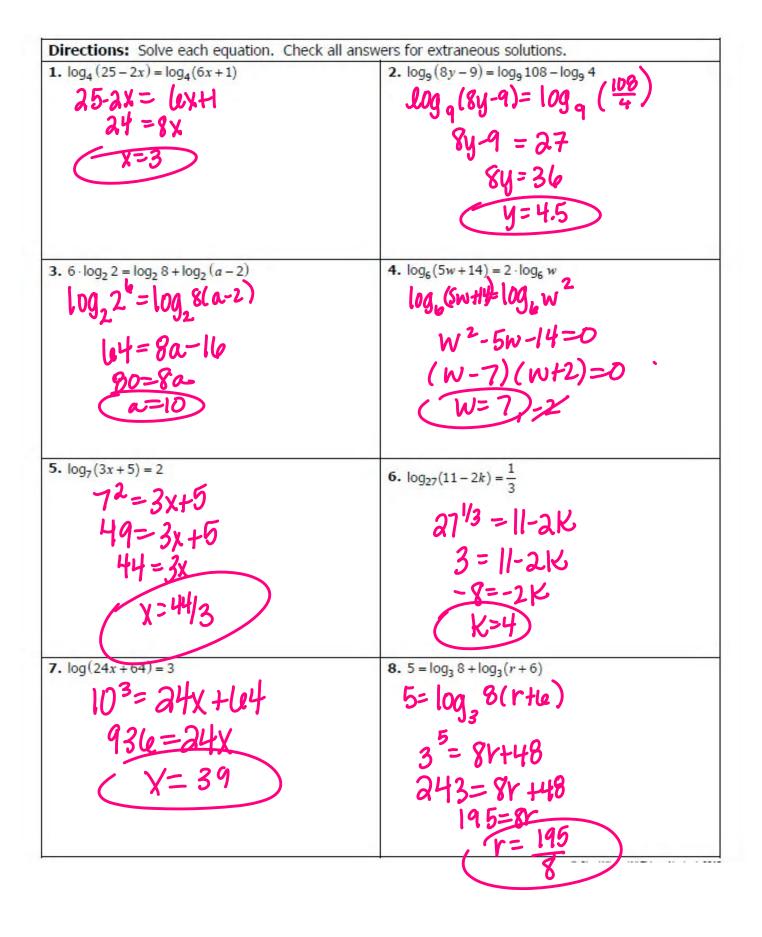
Integrated Math 3. Chapter 13 13.4 Solving Logarithmic Equations Day 2 HOMEWORK Name:_



9.
$$5^{1-4} = 25^{2-4}$$

 $5^{1-4} = 5^{2-2} (2-4)$
 $3^{1-4} = 5^{2-2} (2-4)$
 $3^{1-4} = 5^{2-2} (1-2)$
 $10. 36^{5+2} = \left(\frac{1}{2}\right)^{11-5}$
 $11. 5^{10} = 220$
 $12. 14^{2-5} = 62$
 $12. 14^{2-5} = 62$
 $12. 14^{2-5} = 62$
 $12. 14^{2-5} = 62$
 $13. 3 \cdot 4^{n+2} = 78$
 $14. 5^{n+2} - 10 = 45$
 $5^{n+2} = 10^{-5}$
 $1. 5 \cdot 639 = p - 8$
 $1. 5 \cdot 639 = p - 8$
 $12. 14^{2-5} = 62$
 $10. 36^{5+2} = \left(\frac{1}{2}\right)^{11-5}$
 $15. 5 \cdot 639 = p - 8$
 $12. 14^{2-5} = 62$
 $13. 3 \cdot 4^{n+2} = 78$
 $14. 5^{n+2} - 10 = 45$
 $5^{n+2} = 55$
 $10g_{+1} = 216$
 $10g_{+1} = 55$
 $10g_{+5} = 5 = 8 - 24$
 $2. 3502 = 14+3$
 $15. 2 \cdot 10^{5+9} = 17$
 $3 \cdot 10^{100} = 9^{1}$
 $15. 2 \cdot 10^{5+9} = 17$
 $3 \cdot 10^{100} = 9^{1}$
 $16. 9 \cdot 14^{5n+9} + 8 = 107$
 $9 \cdot 14^{5n+9} + 8 = 107$
 $9 \cdot 14^{5n+9} = 19$
 $16 \cdot 9 \cdot 14^{5n+9} = 19$
 $10g_{+1} = 5a + 9$
 $. 6021 = 6c$
 $C \approx \cdot 1003$
 $10 \cdot 6 = 5a + 9$
 $- 8. 0914 = 5c$
 $x = -1 \cdot (a + 8)^{2}$