6.5 Solving Exponential Equations Day THREE Practice Problems ANSWERS without WORK

2. $3^4 = x + 4^2$; It is the only one that is not an exponential equation.

4. $x = 12$

8. $x = 5$

12. $x = -4$

16. $x = 1$

24. A; $x \approx -2.63$

28. $x \approx -5.10$

32. $x \approx -0.87$ and $x \approx 3.81$

36. no solution

40. $x = 1$

44. no solution

46. all real numbers

60. yes, -6