**NO CALCULATORS! My Name is\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Pre-Calculus Practice and I love the Practice! Period \_\_\_\_**

# PRACTICE TEST CHAPTER 3

Target 24: Basic Exponential Equations

Solve for *x*.

1) 

2) 

3) 

4) 

Target 25: Find the Value of Logarithmic Functions

Find the number.

5. a)  b)  c)  d)  e) 

6. a)  b)  c)  d)  e) 

Target 26: Solve Basic Logarithmic Equations

Solve the equation

7. 

8. 

9. 

10. 

Target 27: Rewrite Logarithmic Functions

Expand

11. 

Write the expression as one logarithm.

12. 

13. 

Target 28: Solve Exponential and Logarithmic Functions

Solve the equation.

14. 

15. 

16. 

17. 

18.  19. 