

## Calculator practice

Date \_\_\_\_\_ Period \_\_\_\_\_

**Use a calculator to approximate each to the nearest thousandth.**

1)  $\log_5 5.8$

2)  $\log_3 41$

**Solve each equation.**

3)  $216 \cdot 36^n = \left(\frac{1}{36}\right)^{-3n}$

4)  $216^{n-2} \cdot 216^{-2n-2} = 36^{-3n+1}$

**Solve each equation. Round your answers to the nearest ten-thousandth.**

5)  $19^{a-5} + 9 = 51.7$

6)  $-2 \cdot 7^{x+6} = -55$

**Solve each equation.**

7)  $9 + \log_{12} (p + 4) = 12$

8)  $\log_3 8x + 6 = 8$