Name _____ Date _____

9.1 Practice
For use after Lesson 9.1

Write the product using exponents.

1. $4 \bullet 4 \bullet 4 \bullet 4 \bullet 4$

2. $\left(-\dfrac{1}{8}\right) \bullet \left(-\dfrac{1}{8}\right) \bullet \left(-\dfrac{1}{8}\right)$

3. $5 \bullet 5 \bullet (-x) \bullet (-x) \bullet (-x) \bullet (-x)$

4. $9 \bullet 9 \bullet y \bullet y \bullet y \bullet y \bullet y \bullet y$

Evaluate the expression.

5. 10^3

6. $(-7)^4$

7. $-\left(\dfrac{1}{6}\right)^5$

8. $3 + 6 \bullet (-5)^2$

9. $\left| -\dfrac{1}{3}\left(1^{10} + 9 - 2^3\right) \right|$

10. A foam toy is 2 inches wide. It doubles in size for every minute it is in water. Write an expression for the width of the toy after 5 minutes. What is the width after 5 minutes?