

**Skill: Using Exponents****Investigation 1****Growing, Growing, Growing****Write each expression in exponential form.**

1.  $3 \times 3 \times 3 \times 3 \times 3$

2.  $2.7 \times 2.7 \times 2.7$

3.  $2 \times 2 \times 2 \times 2 \times 2 \times 2$

4.  $4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4$

**Write each expression in standard form.**

5.  $(0.5)^3$

6.  $(2.7)^2$

7.  $2^3$

8.  $(8.1)^3$

**Write each number in scientific notation.**

9. 480,000

10. 960,000

11. 8,750,000

12. 407,000