

Name \_\_\_\_\_ Date \_\_\_\_\_ Per \_\_\_\_\_

### Real World Exponential Situations

Determine whether the situations are describing exponential growth or decay

- 1.) The population in China. \_\_\_\_\_
- 2.) The value of a Jeep Wrangler. \_\_\_\_\_
- 3.) The value of fine art. \_\_\_\_\_
- 4.) The value of technology once purchased. \_\_\_\_\_
- 5.) The amount of bacteria in a dirty bathroom. \_\_\_\_\_

6.)

x	1	2	3	4
y	81	27	9	3

7.)

x	1	2	3	4
y	2	4	8	16

Name \_\_\_\_\_ Date \_\_\_\_\_ Per \_\_\_\_\_

### Real World Exponential Situations

Determine whether the situations are describing exponential growth or decay

- 1.) The population in China. \_\_\_\_\_
- 2.) The value of a Jeep Wrangler. \_\_\_\_\_
- 3.) The value of fine art. \_\_\_\_\_
- 4.) The value of technology once purchased. \_\_\_\_\_
- 5.) The amount of bacteria in a dirty bathroom. \_\_\_\_\_

6.)

x	1	2	3	4
y	81	27	9	3

7.)

x	1	2	3	4
y	2	4	8	16