



Name: _____

Date: _____

Exponential Functions – Easy

1. Evaluate: $f(x) = 2^x$ when $x = 2$

2. Evaluate: $f(x) = 4^x$ when $x = 4$

3. Complete the table for $f(x) = 3x$

4. Complete the table for $f(x) = 2x$

5. Evaluate: $f(x) = 2^x$ when $x = 2$

6. Complete the table for $f(x) = 2x$

7. Evaluate: $f(x) = 4^x$ when $x = 0$

8. Complete the table for $f(x) = 2x$



Exponential Functions – Easy – Answer Key

1. Evaluate: $f(x) = 2^x$ when $x = 2$

4

2. Evaluate: $f(x) = 4^x$ when $x = 4$

256

3. Complete the table for $f(x) = 3^x$

x: 0 | 1 | 2 | 3 | 4 | y: 1 | 3 | 9 | 27 | 81

4. Complete the table for $f(x) = 2^x$

x: 0 | 1 | 2 | 3 | 4 | y: 1 | 2 | 4 | 8 | 16

5. Evaluate: $f(x) = 2^x$ when $x = 2$

4

6. Complete the table for $f(x) = 2^x$

x: 0 | 1 | 2 | 3 | 4 | y: 1 | 2 | 4 | 8 | 16

7. Evaluate: $f(x) = 4^x$ when $x = 0$

1

8. Complete the table for $f(x) = 2^x$

x: 0 | 1 | 2 | 3 | 4 | y: 1 | 2 | 4 | 8 | 16