

# Function Values

Exponential

Use the table to find the function values

x	0	1	2	3	4
f(x)	5	25	125	625	3125

1.  $f(2) =$

2.  $f(0) =$

3.  $f(3) =$

4.  $f(x) = 3125$

5.  $f(x) = 5$

6.  $f(x) = 625$

Use the function rule to find the function values

$$f(x) = 4^x$$

1.  $f(2) =$

2.  $f(0) =$

3.  $f(3) =$

Use the function rule to find the x values

$$f(x) = 10^x$$

1.  $f(x) = 100$

2.  $f(x) = 10$

3.  $f(x) = 1000$

4.  $f(3) =$

5.  $f(0) =$

6.  $f(2) =$

Use the function rule to find the x values

$$f(x) = 4(2)^x$$

1.  $f(x) = 64$

2.  $f(x) = 16$

3.  $f(x) = 128$

4.  $f(1) =$

5.  $f(0) =$

6.  $f(2) =$

Use the table to find the function values

x	0	1	2	3	4
f(x)	5	25	125	625	3125

1.  $f(4) =$

2.  $f(1) =$

Use the function rule to find the missing values

$$f(x) = 2(5)^x$$

3.  $f(2) =$

4.  $f(3) =$

5.  $f(x) = 10$

6.  $f(x) = 50$

Use the table to find the missing values

x	0	1	2	3	4
f(x)	5	25	125	625	3125

1.  $f(2) =$

2.  $f(x) = 625$

Use the function rule to find the missing values

$$f(x) = 3(2)^x$$

3.  $f(2) =$

4.  $f(x) = 48$