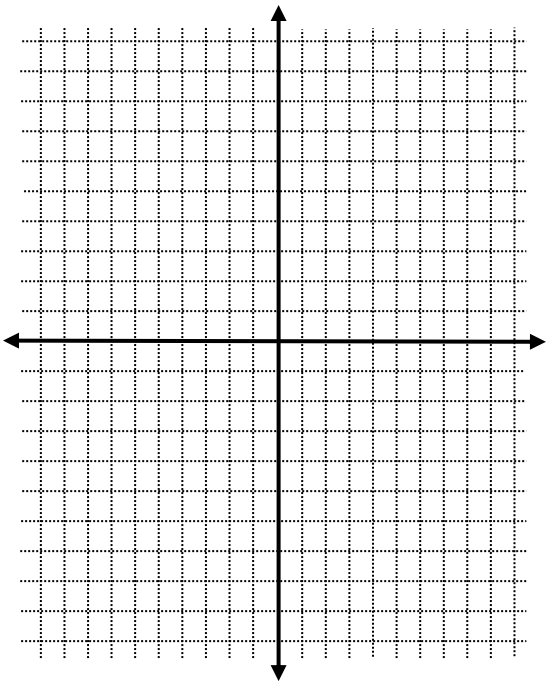
Exponential Functions Worksheet

Graph the functions

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

x	y
- 3	
- 2	
- 1	
0	
1	
2	
3	

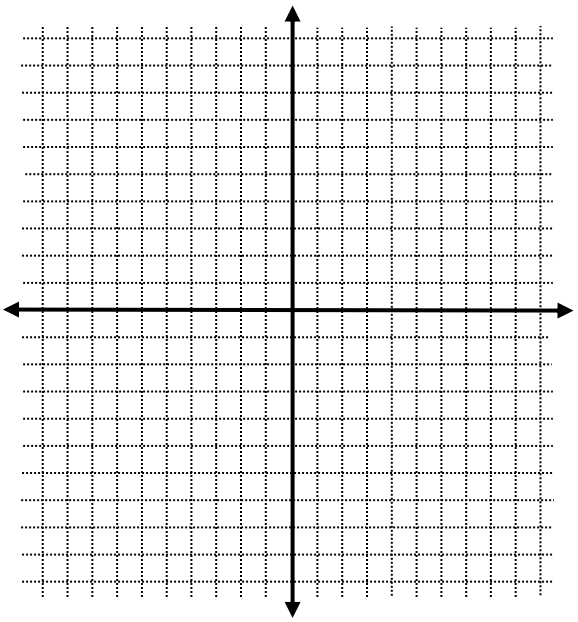


1. Is the function increasing or decreasing?

2. Find the domain and range of the function.

2. $f(x) = 0.4^x$

x	y
- 3	
- 2	
- 1	
0	
1	
2	
3	

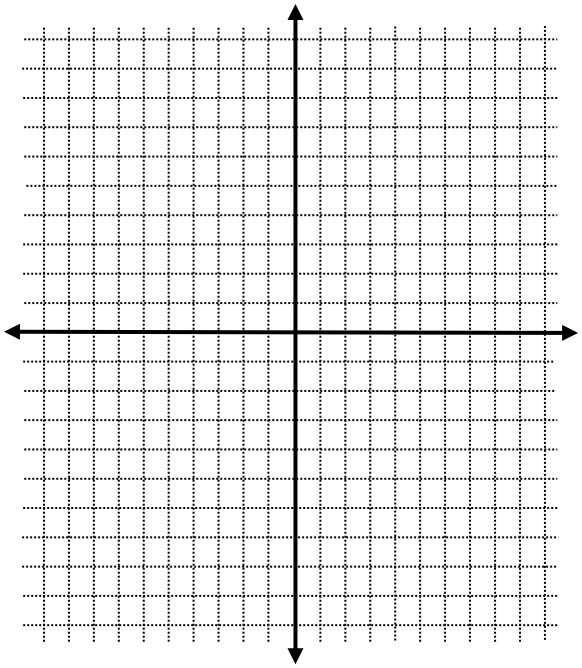


1. Is the function increasing or decreasing?

2. Find the domain and range of the function.

3. $f(x) = 1.25^x$

x	y
- 3	
- 2	
- 1	
0	
1	
2	
3	

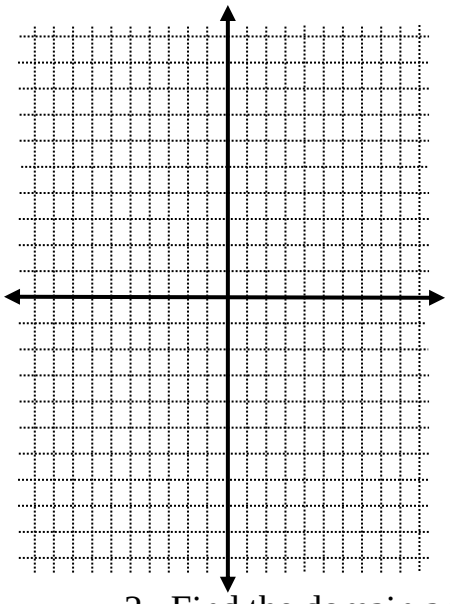


1. Is the function increasing or decreasing?

2. Find the domain and range of the function.

4. $f(x) = 2^{\frac{x}{2}}$

x	y
- 3	
- 2	
- 1	
0	
1	
2	
3	



1. Is the function increasing or decreasing?

2. Find the domain and range of the function.