

Name: _____ Period: _____ Date: _____

Exponential Functions Exit Quiz

Find the $f(x)$ given the value of x for the function $y = 1.4^{x+1}$

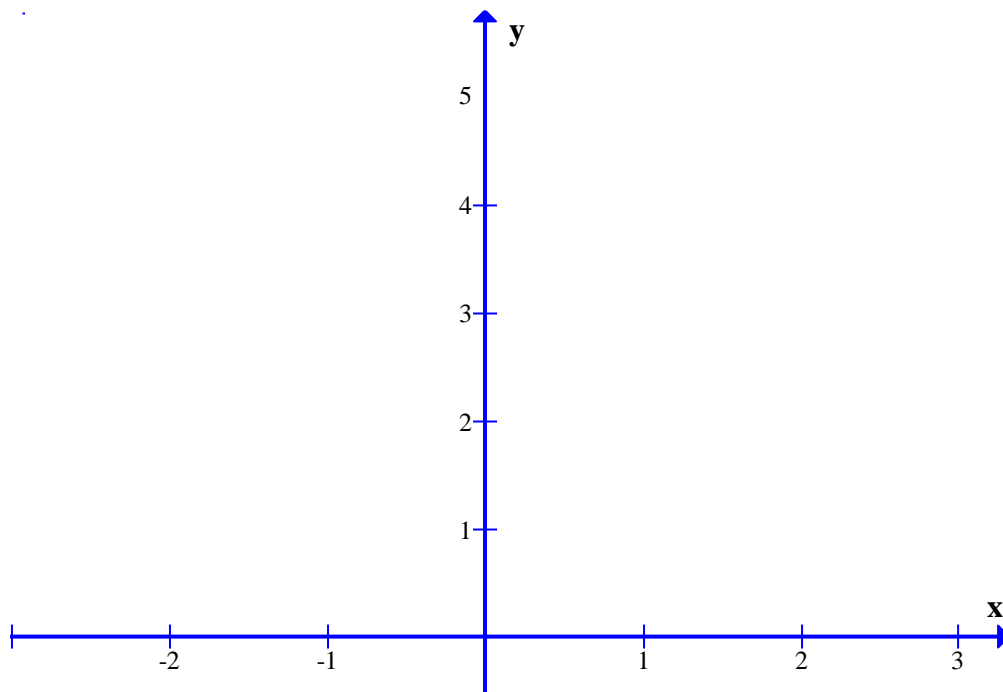
1. $x = -2$

2. $x = -1$

3. $x = 0$

4. $x = 1$

5. Graph $y = 1.4^{x+1}$



Exponential Functions Exit Quiz

Answer:

Find the $f(x)$ given the value of x for the function $y = 1.4^{x+1}$

1. $x = -2$

Solution:

$$y = 1.4^{-2+1} = \left(\frac{7}{5}\right)^{-1} = \frac{5}{7} = 0.71$$

3. $x = 0$

Solution:

$$y = 1.4^{0+1} = 1.4$$

2. $x = -1$

Solution:

$$y = 1.4^{-1+1} = 1$$

4. $x = 1$

Solution:

$$y = 1.4^{1+1} = 1.96$$

5. Graph $y = 1.4^{x+1}$

