

Name : \_\_\_\_\_

Score : \_\_\_\_\_

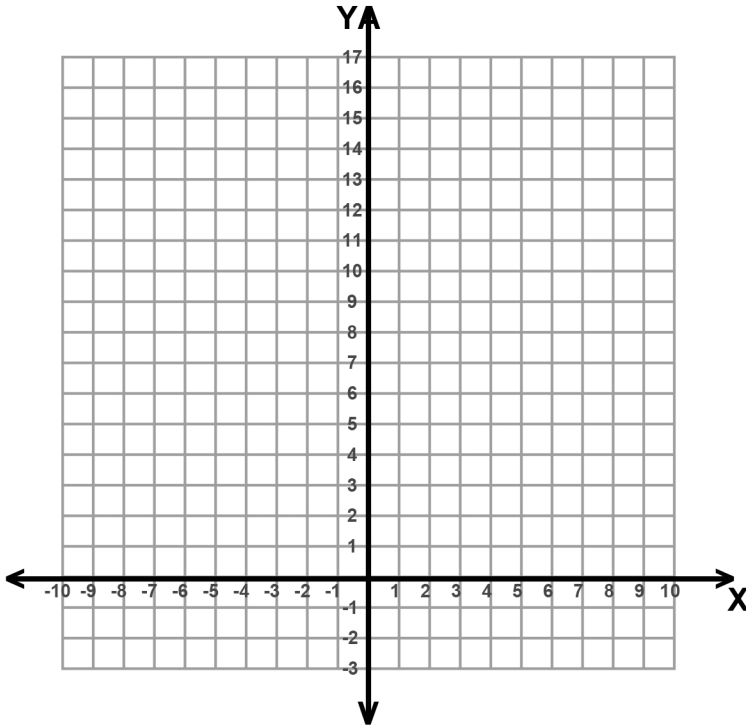
Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

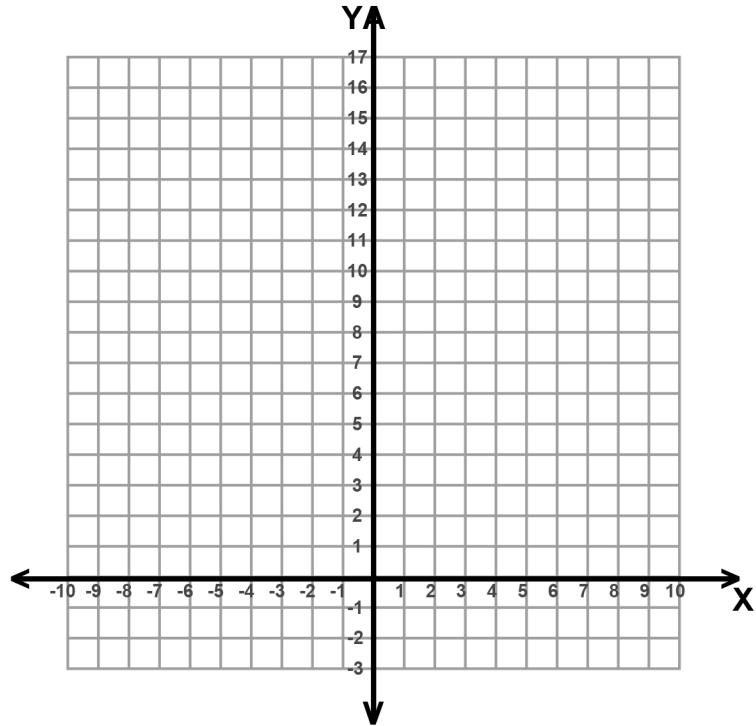
## Graphing Exponential Functions

Sketch the graph of each function.

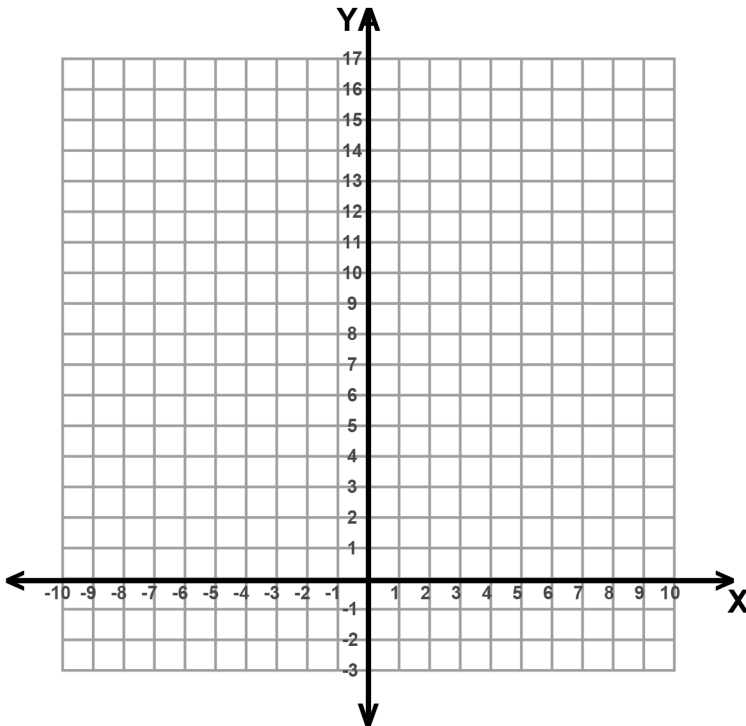
1)  $y = 2 \cdot 3^x$



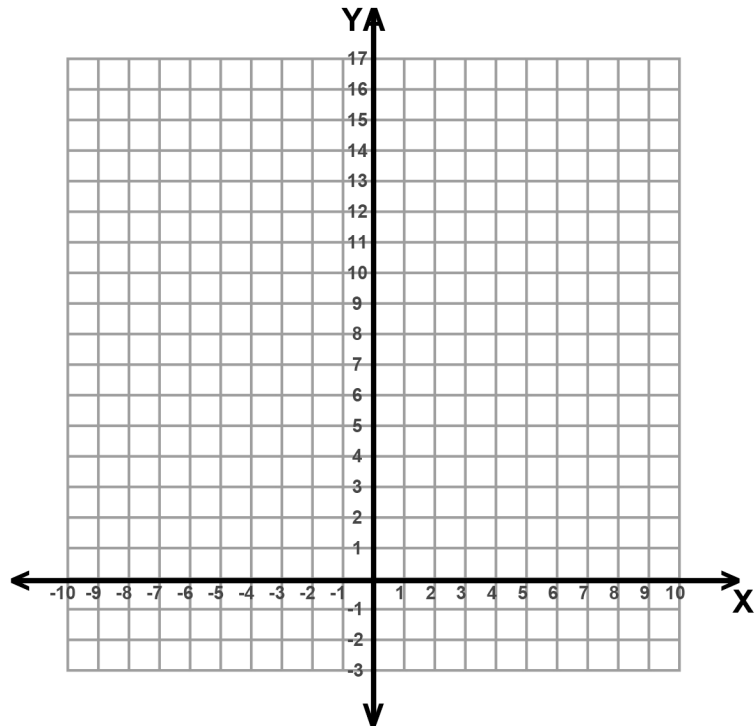
2)  $y = 3 \cdot 4^{x-3} - 2$



3)  $y = 3 \cdot \left(\frac{1}{2}\right)^{x-2} + 3$



4)  $y = 3 \cdot \left(\frac{1}{2}\right)^x$



Name : \_\_\_\_\_

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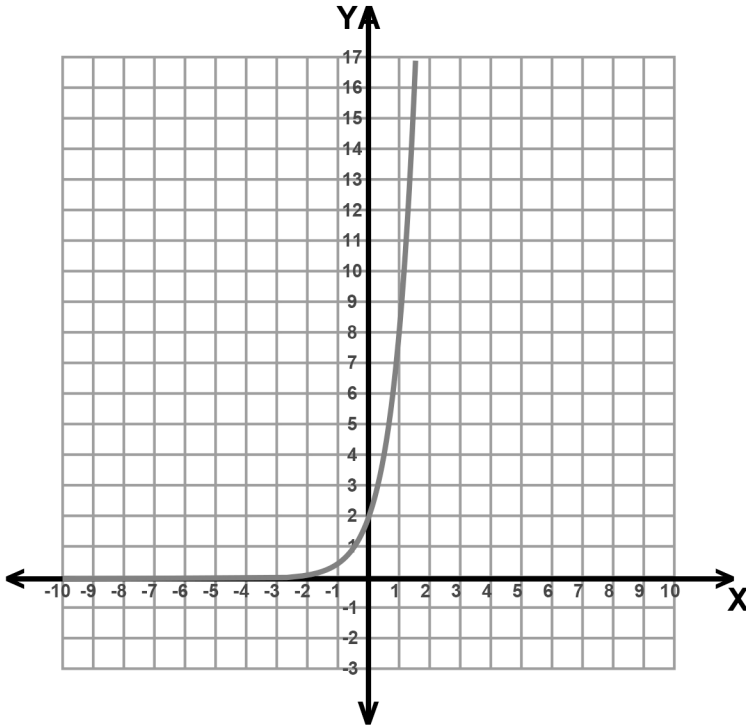
Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

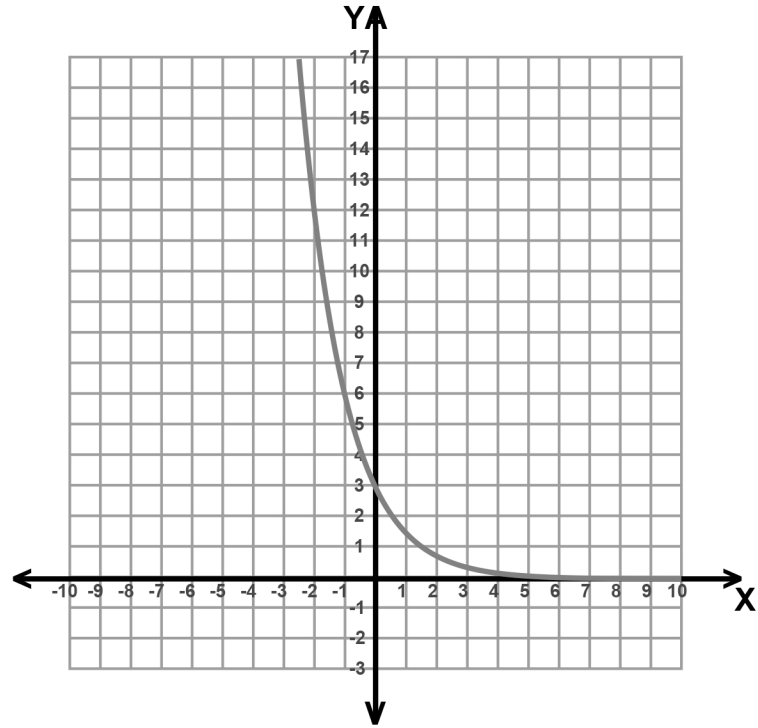
## Graphing Exponential Functions

Write an equation for each graph.

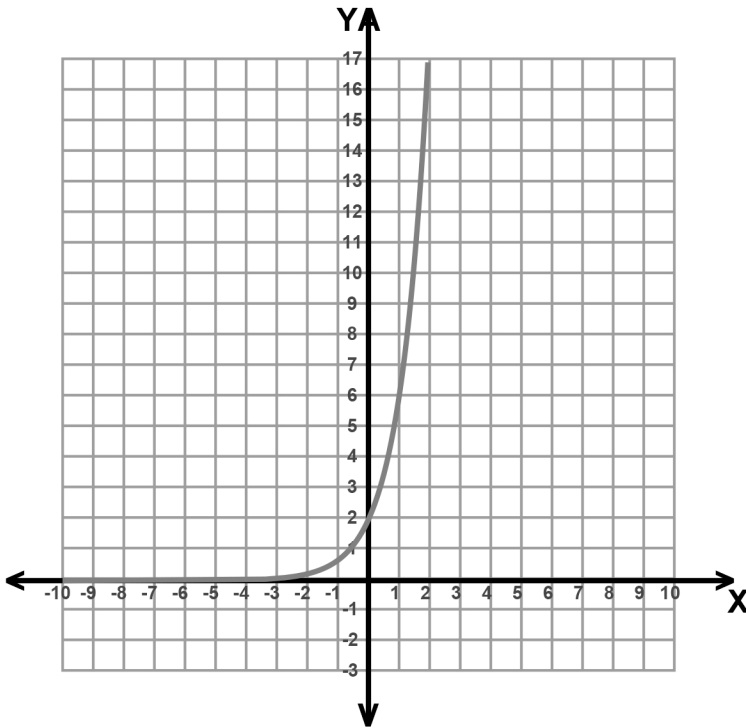
5)



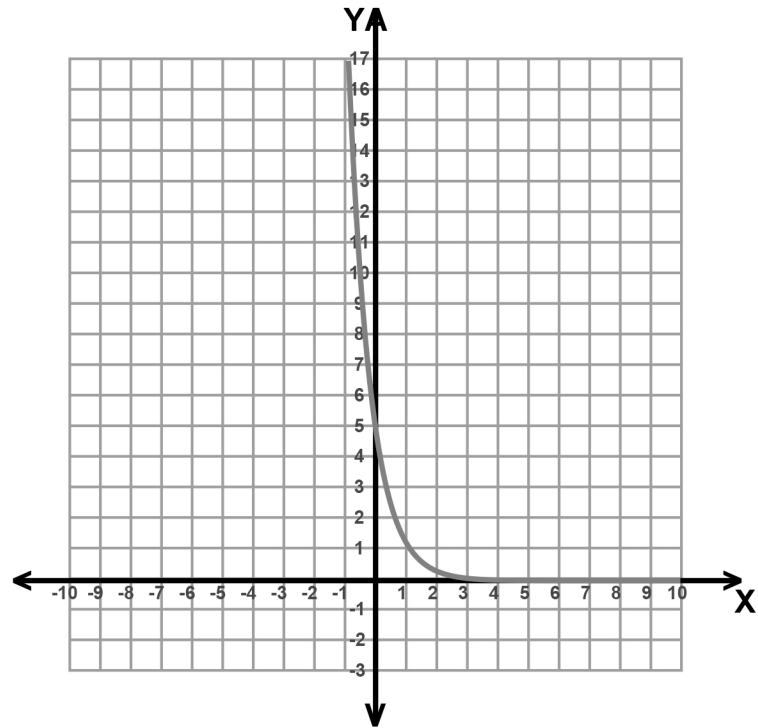
6)



7)



8)



Name : \_\_\_\_\_

Score : \_\_\_\_\_

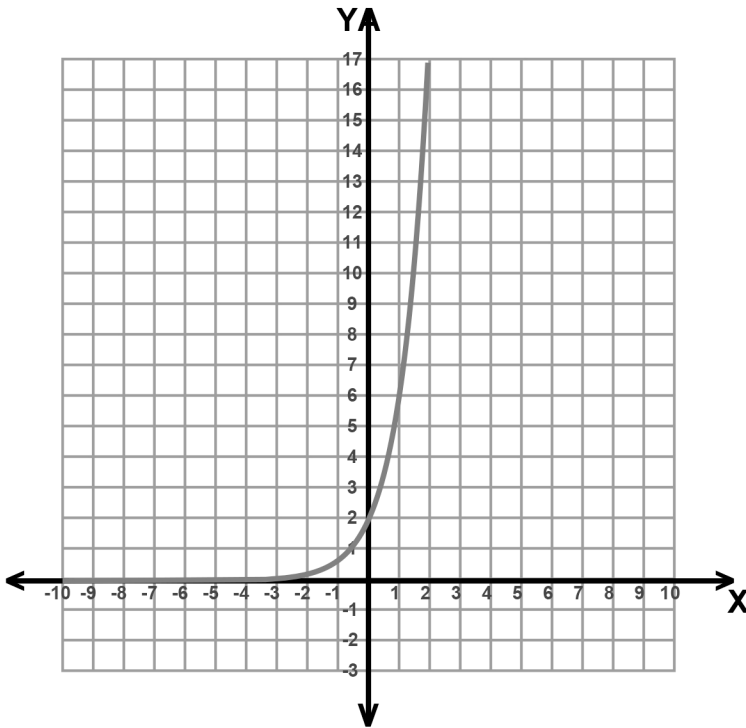
Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

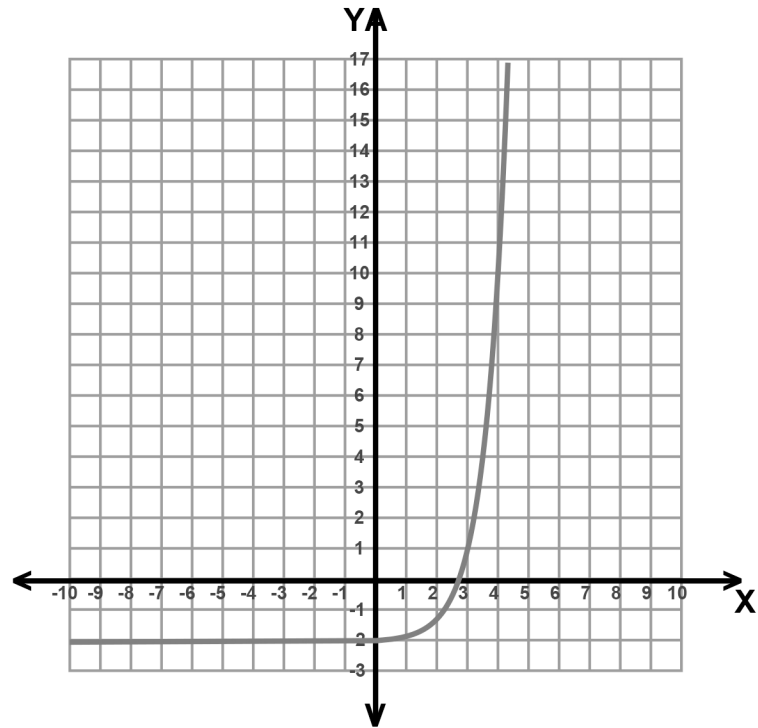
## Graphing Exponential Functions

Sketch the graph of each function.

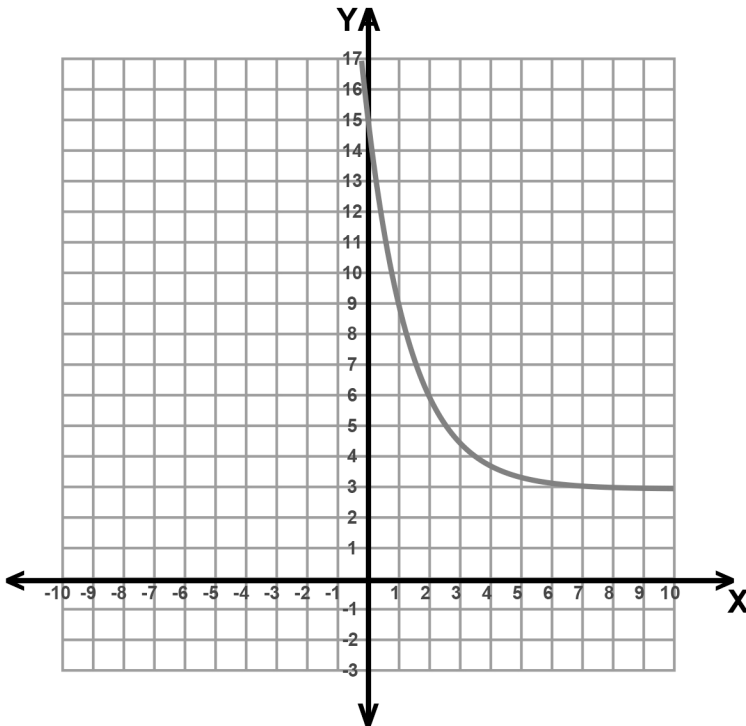
1)  $y = 2 \cdot 3^x$



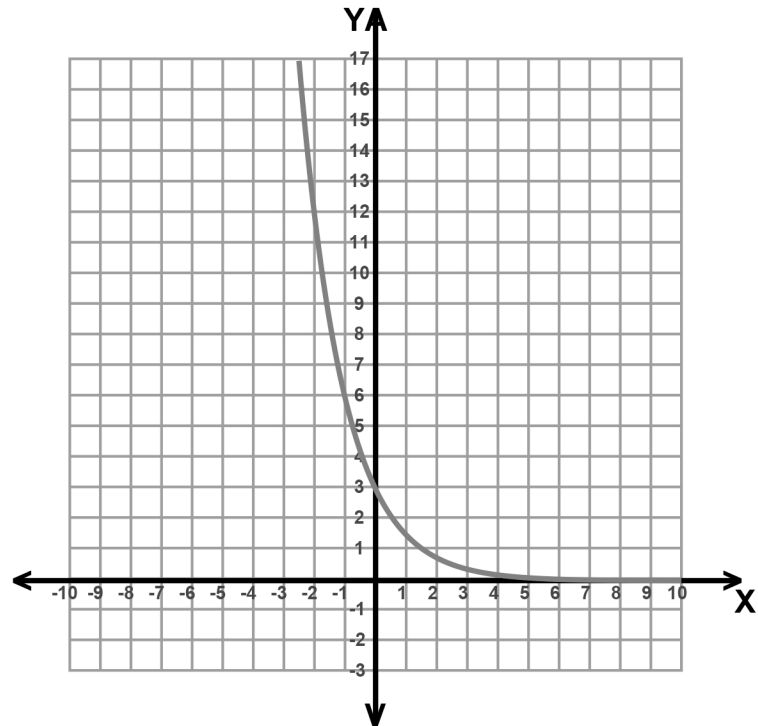
2)  $y = 3 \cdot 4^{x-3} - 2$



3)  $y = 3 \cdot \left(\frac{1}{2}\right)^{x-2} + 3$



4)  $y = 3 \cdot \left(\frac{1}{2}\right)^x$



Name : \_\_\_\_\_

Score : \_\_\_\_\_

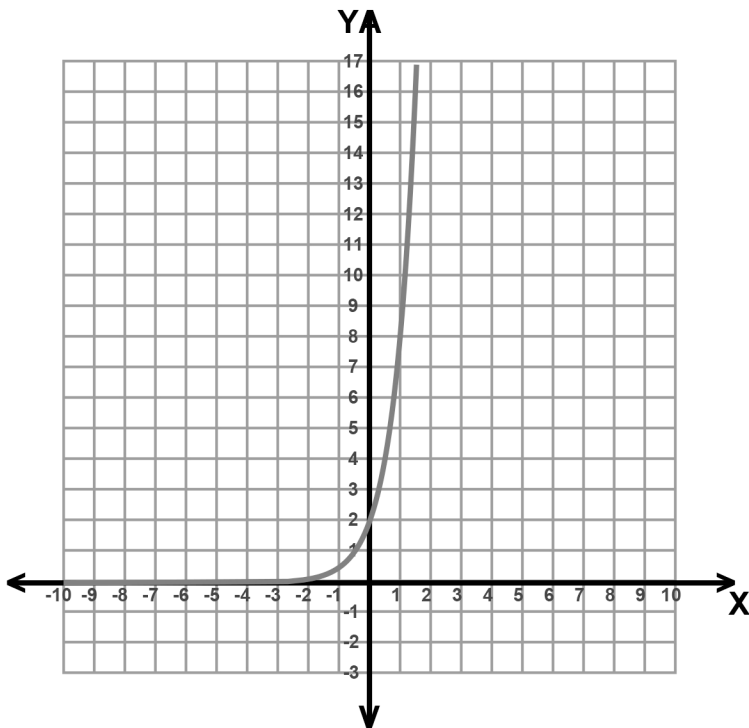
Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

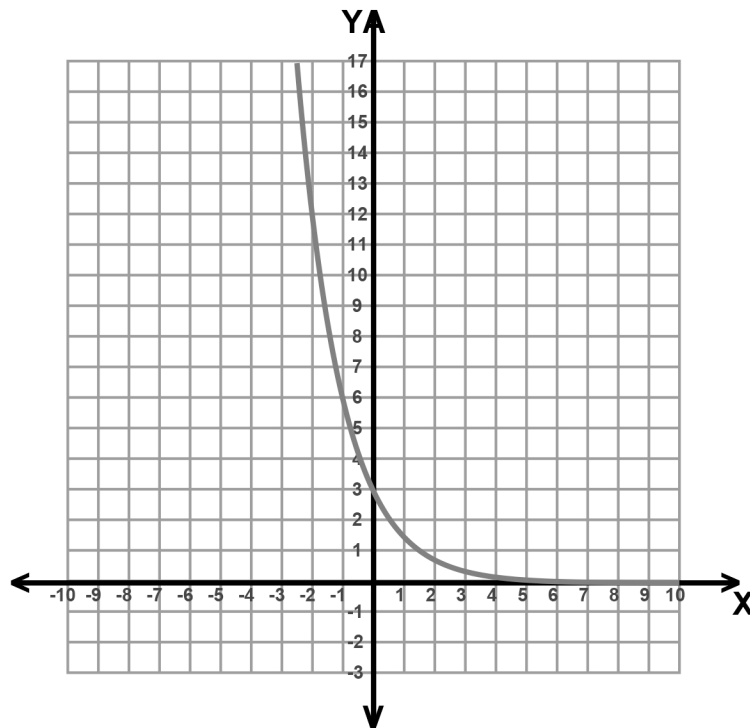
## Graphing Exponential Functions

Write an equation for each graph.

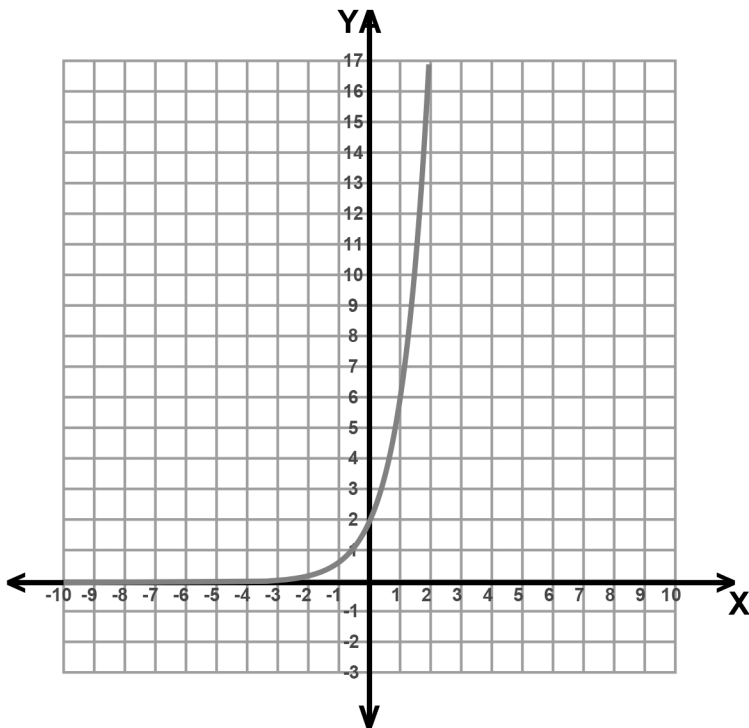
5)  $y = 2 \cdot 4^x$



6)  $y = 3 \cdot \left(\frac{1}{2}\right)^x$



7)  $y = 2 \cdot 3^x$



8)  $y = 5 \cdot \left(\frac{1}{4}\right)^x$

