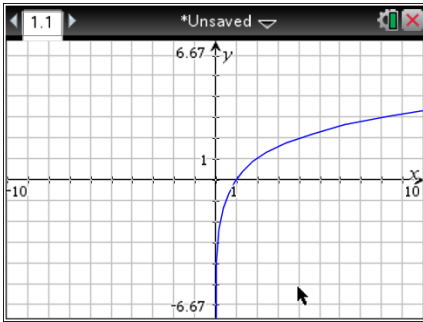


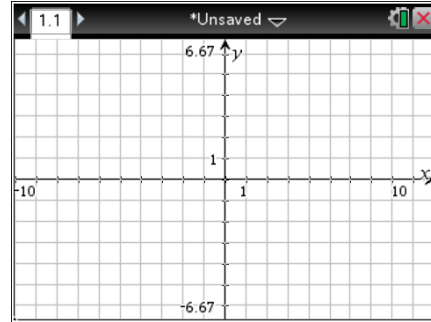
P5-6: Average Rate of Change
 Honors Advanced Algebra

Name: _____

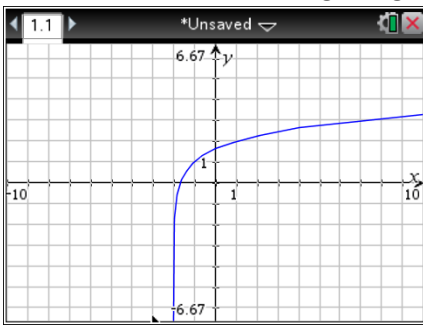
1. Calculate the average rate of change from $x = 4$ to $x = 8$ for the given graph:



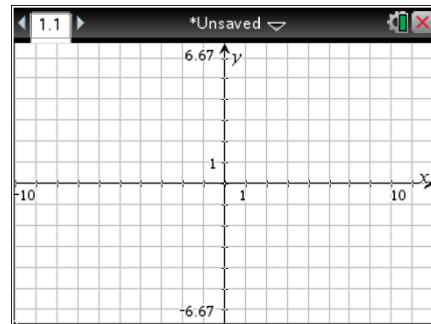
4. Graph the function $y = \left(\frac{5}{6}\right)^x + 1$ and calculate the average rate of change from $x = 0$ to $x = 6$



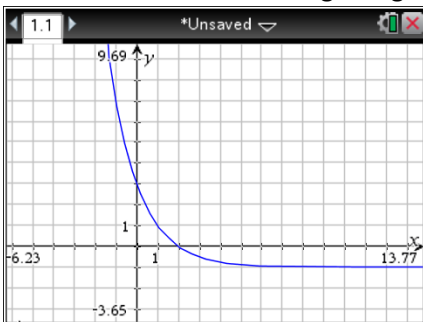
2. Calculate the average rate of change from $x = -1$ to $x = 7$ for the given graph:



5. Graph the function $y = 2 \ln(x + 4)$ and calculate the average rate of change from $x = 0$ to $x = 6$



3. Calculate the average rate of change from $x = -1$ to $x = 2$ for the given graph:



6. Graph the function $y = \frac{1}{3} \cdot \left(\frac{4}{3}\right)^{x+1} - 2$ and calculate the average rate of change from $x = -8$ to $x = 8$

