Math 1 Honors Name_____

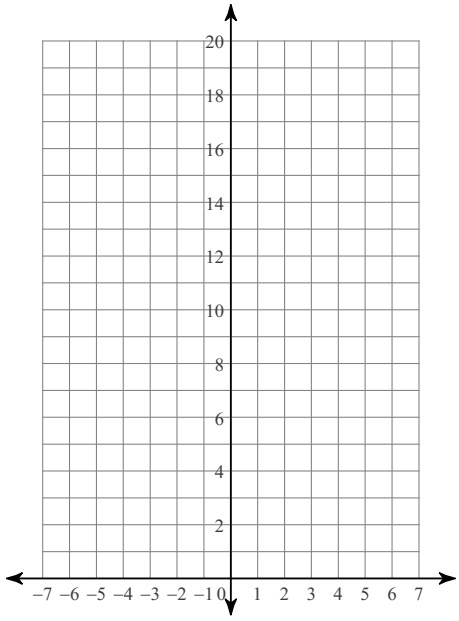


# Graphing Exponential Functions using a table

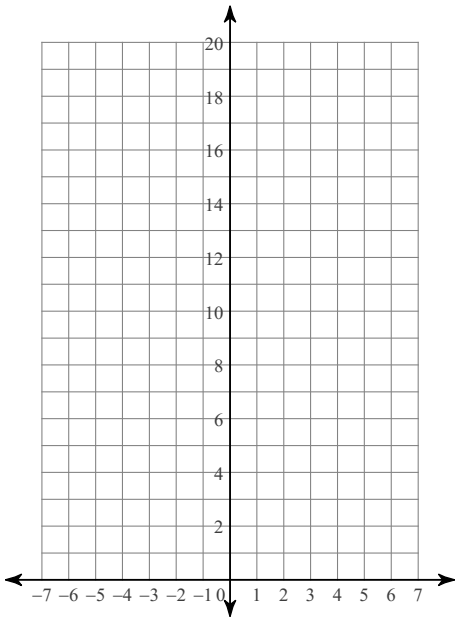
Date_____ Hour____

**Sketch the graph of each function.**

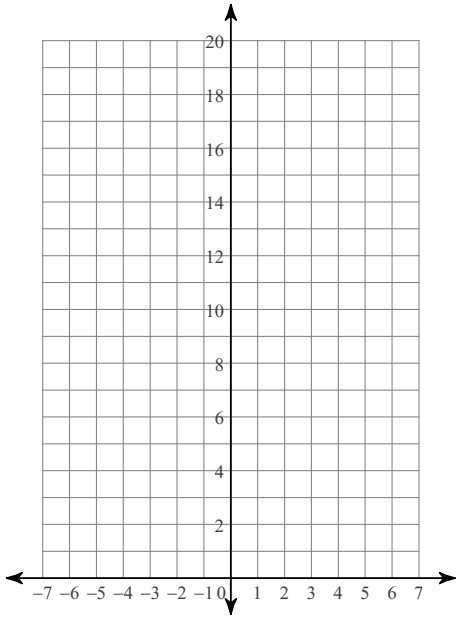
1) $y = 4 \cdot \left(\frac{1}{2}\right)^x$



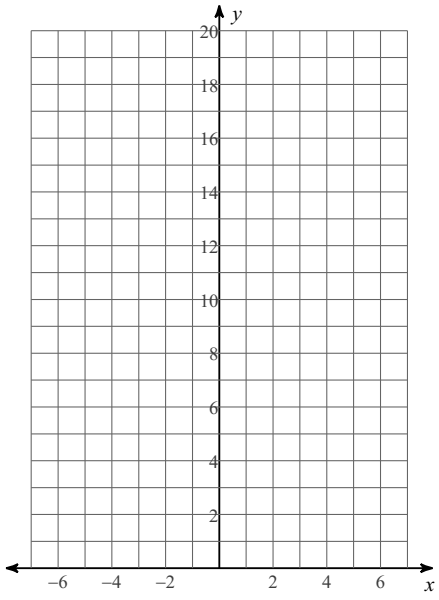

2) $y = 5 \cdot 2^x$




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

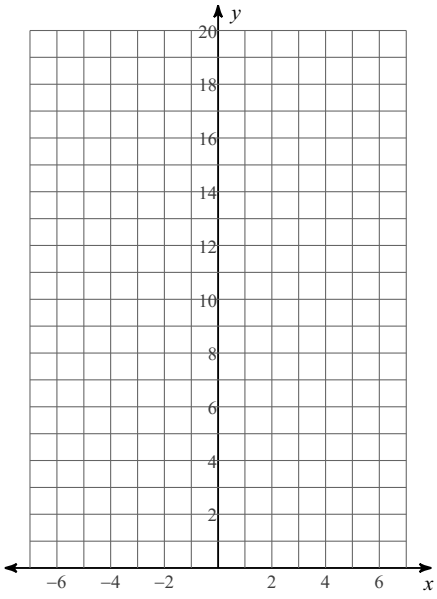



4) $y = 3 \cdot \left(\frac{1}{2}\right)^x$

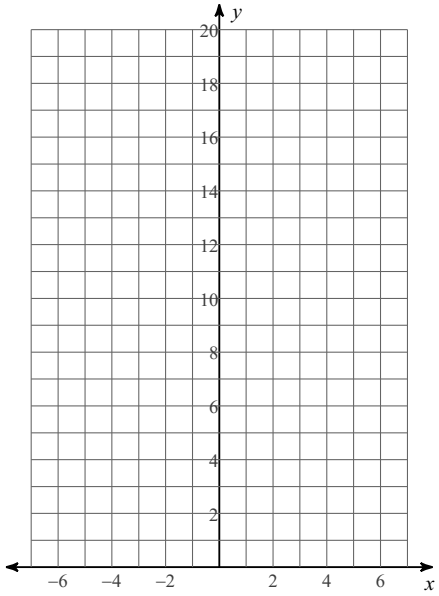


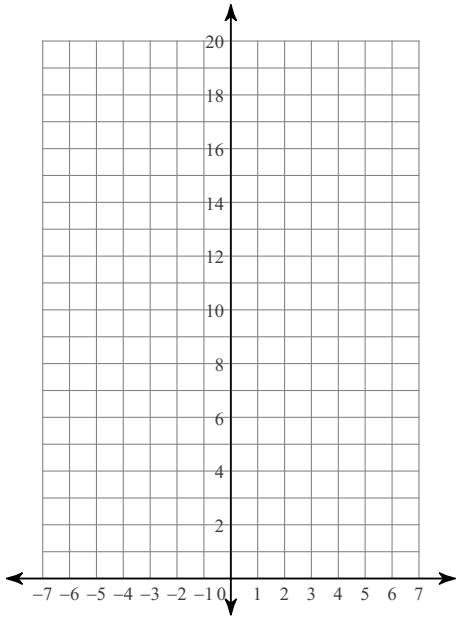
5) $y = \frac{1}{2} \cdot 3^x$



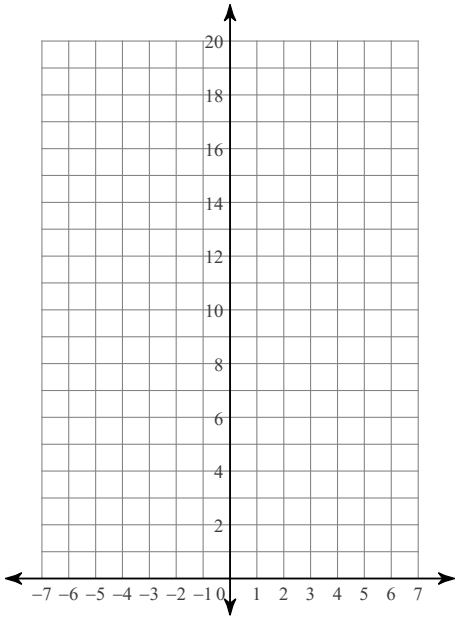

6) $y = 5 \cdot \left(\frac{1}{2}\right)^x$



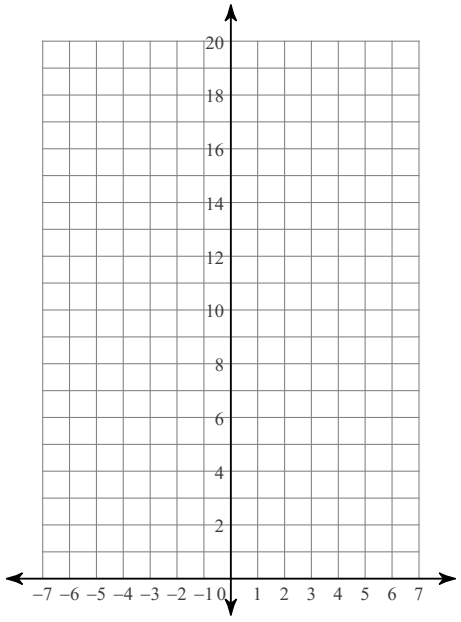

7) $y = 3 \cdot 2^x + 1$



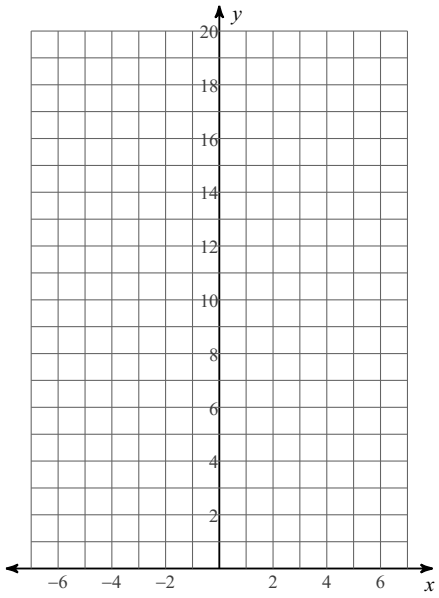

8) $y = 4 \cdot 2^x + 1$



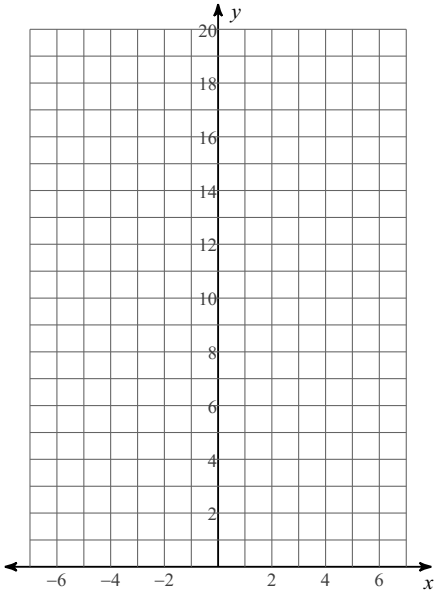
9) $y = 4 \cdot \left(\frac{1}{2}\right)^x + 2$



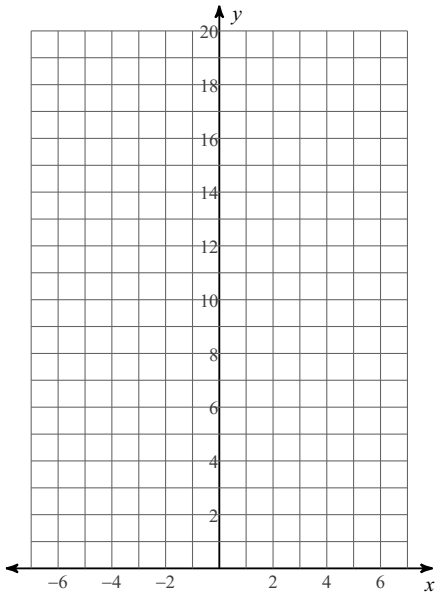

10) $f(x) = 5 \cdot 2^x + 1$




11) $f(x) = 4 \cdot 2^x + 2$

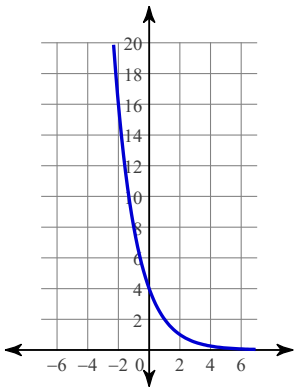



12) $f(x) = 5 \cdot \left(\frac{1}{2}\right)^x + 2$

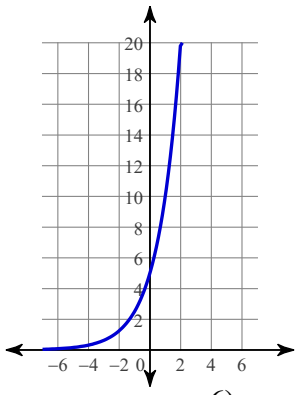


# Answers to Graphing Exponential Functions using a table

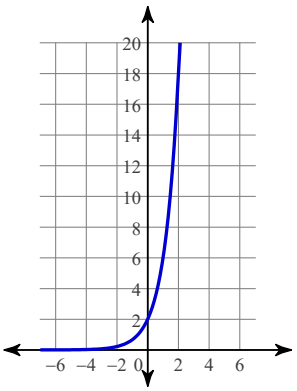
1)



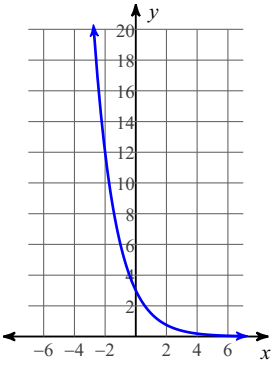
2)



3)



4)



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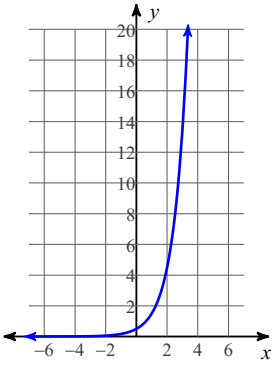
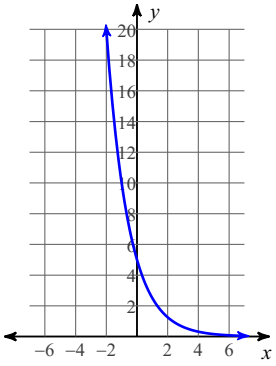
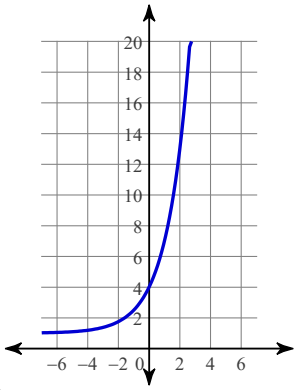


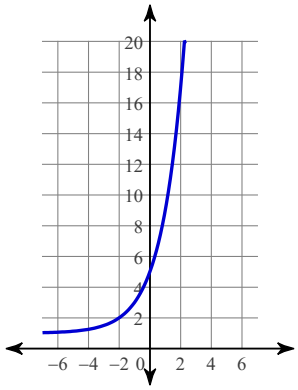
6)



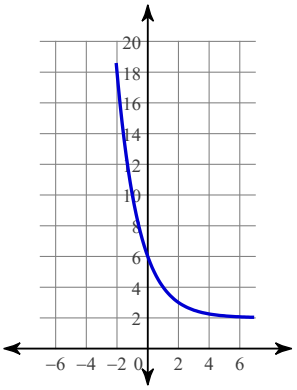
7)



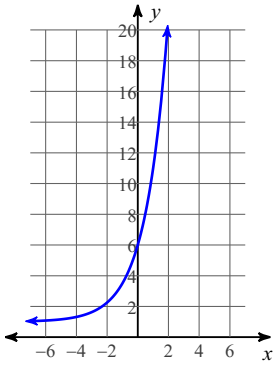
8)



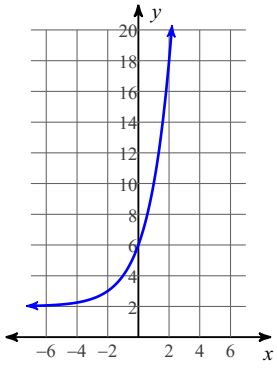
9)



10)



11)



12)