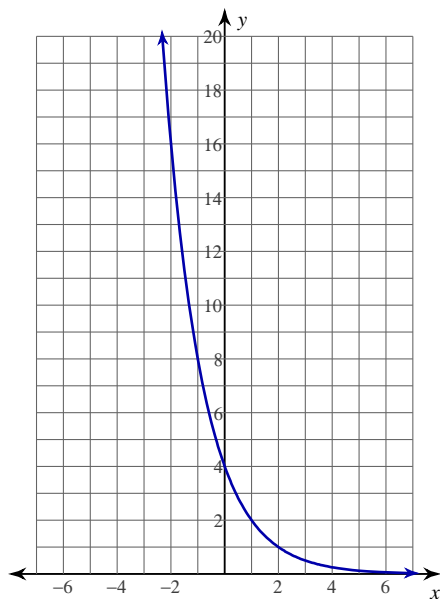


## Assignment

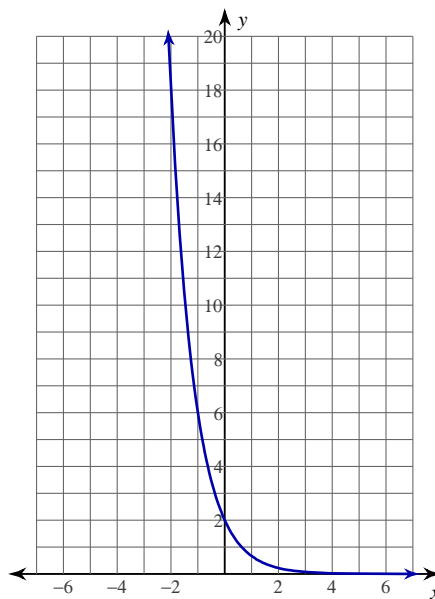
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**Write an equation for each graph.**

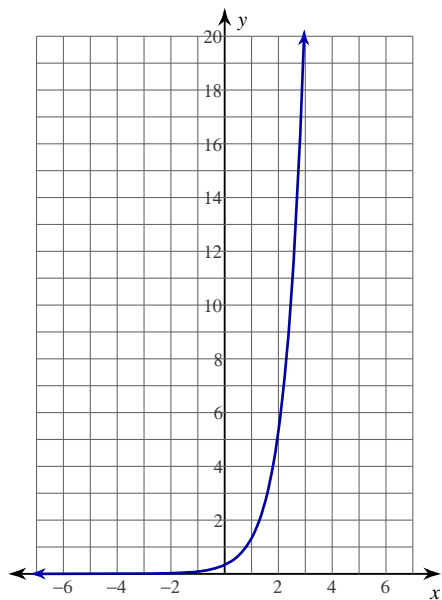
1)



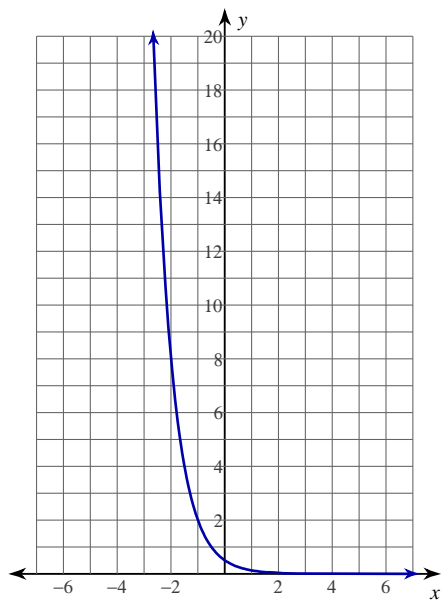
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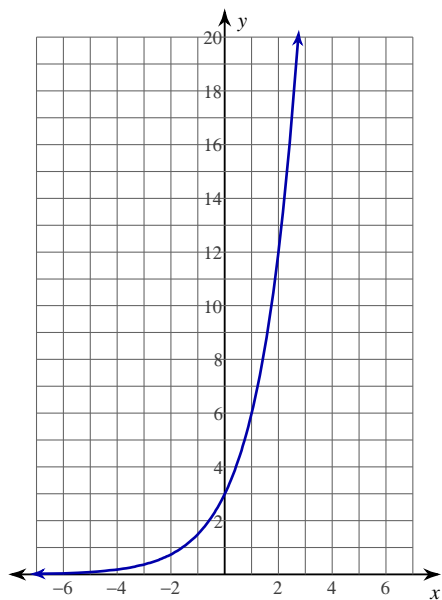
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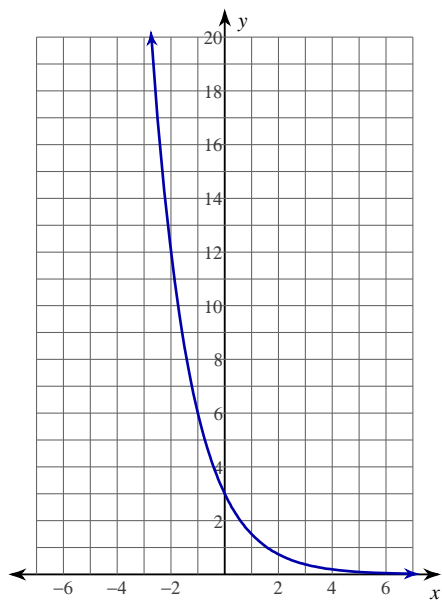
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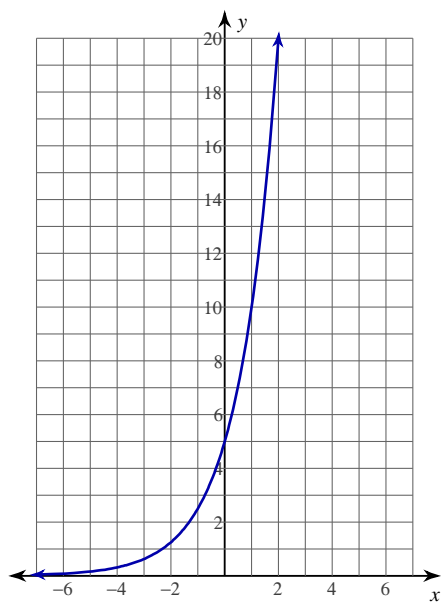
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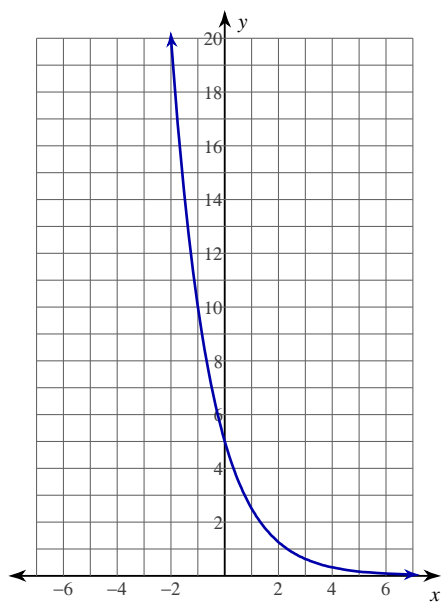
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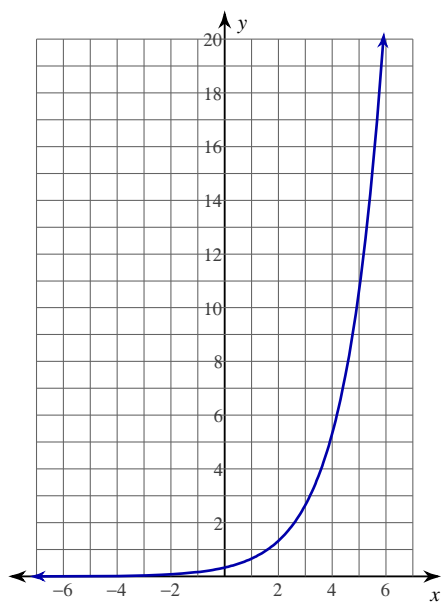
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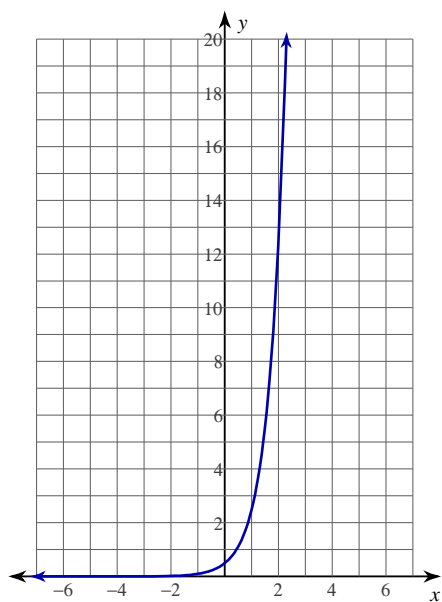
8)



9)

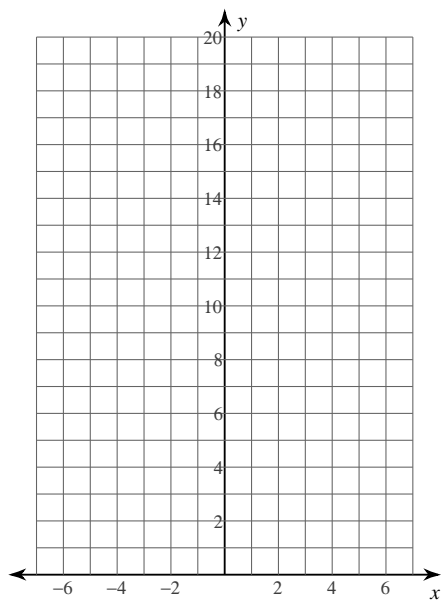


10)

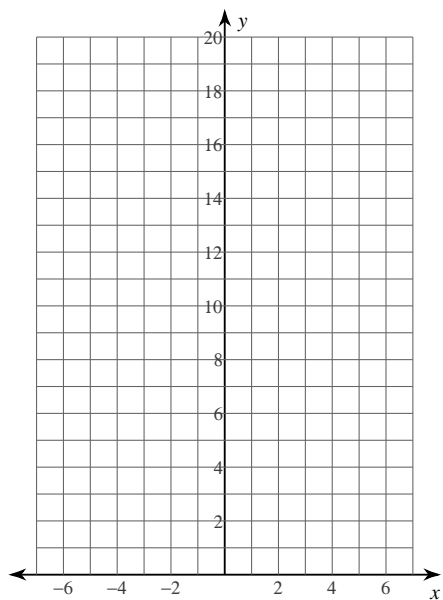


Sketch the graph of each function.

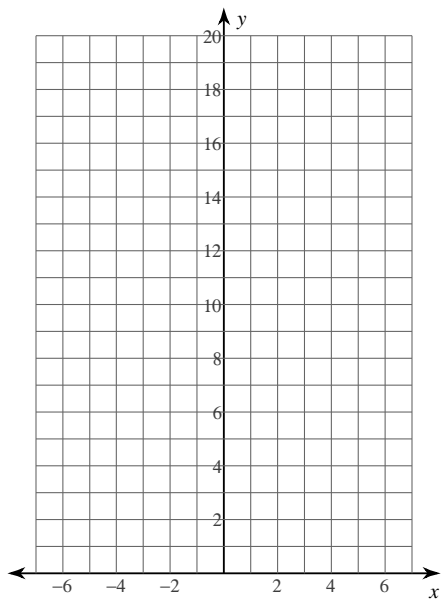
11)  $y = 3 \cdot \left(\frac{1}{2}\right)^x$



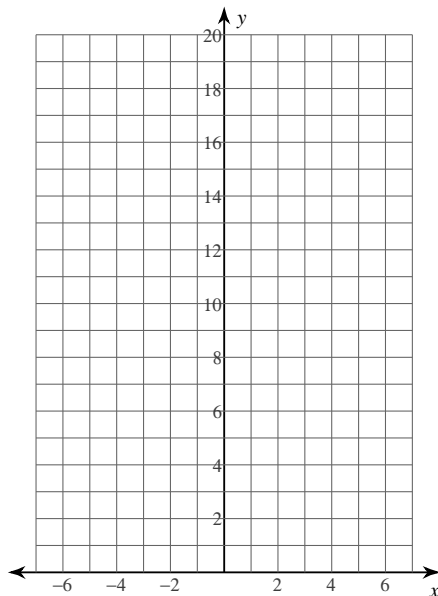
12)  $y = \frac{1}{2} \cdot \left(\frac{1}{5}\right)^x$



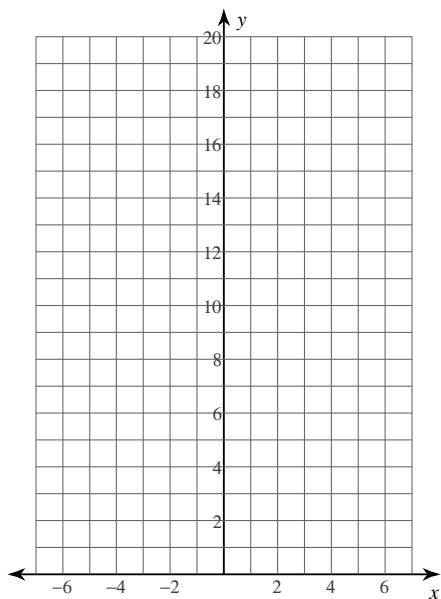
$$13) y = \frac{1}{4} \cdot 3^x$$



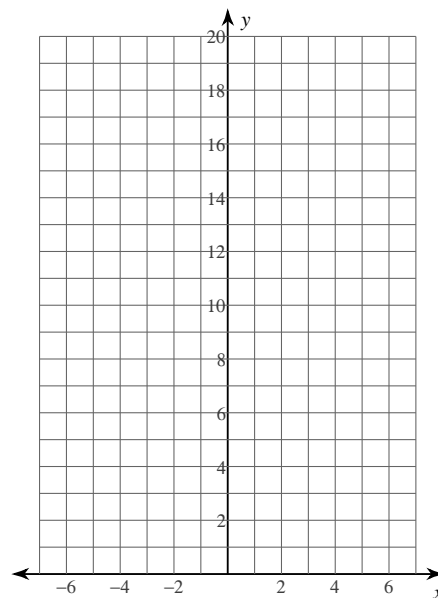
$$14) y = 3 \cdot 2^x$$



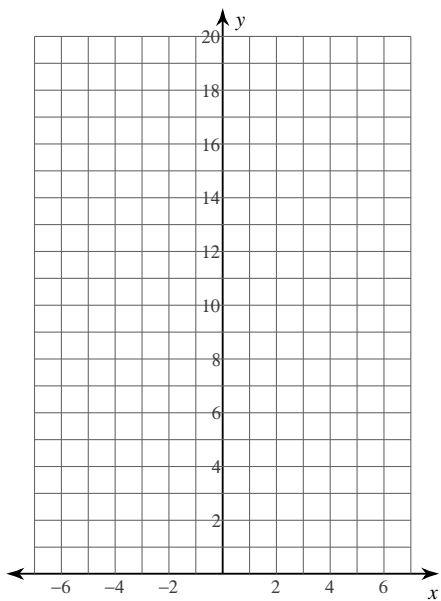
$$15) y = \frac{1}{3} \cdot 5^x$$



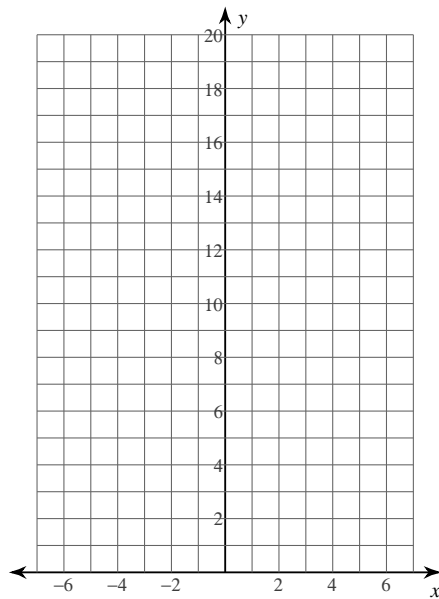
$$16) y = \frac{1}{4} \cdot \left(\frac{1}{4}\right)^x$$



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



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



# Answers to Assignment (ID: 1)

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

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

3)  $y = \frac{1}{3} \cdot 4^x$

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

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

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

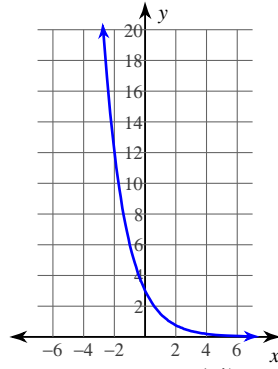
7)  $y = 5 \cdot 2^x$

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

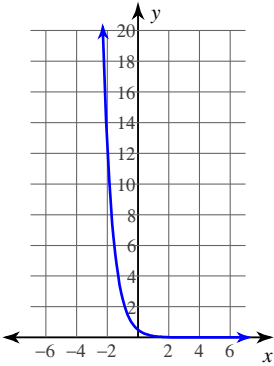
9)  $y = \frac{1}{3} \cdot 2^x$

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

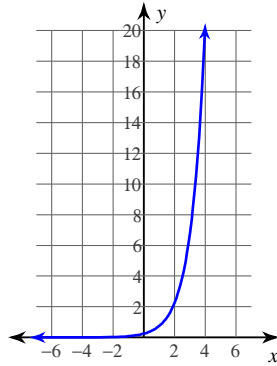
11)



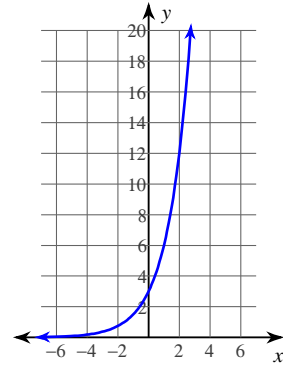
12)



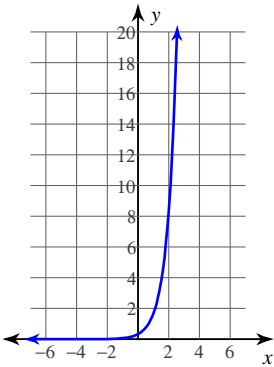
13)



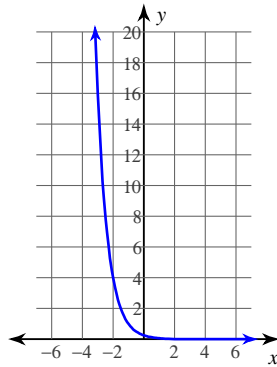
14)



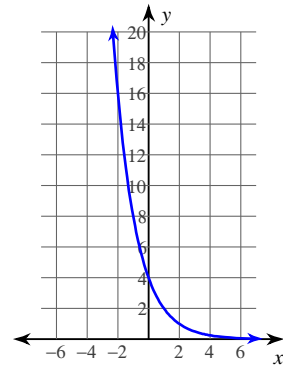
15)



16)



17)



18)

