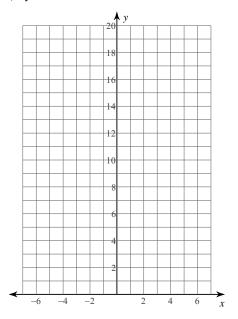
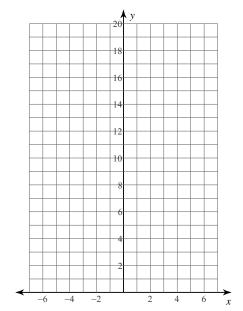
Graphing Exponential Functions

Sketch the graph of each function.

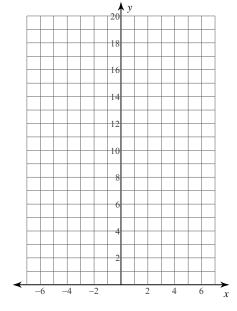
1)
$$y = 4 \cdot 2^x$$



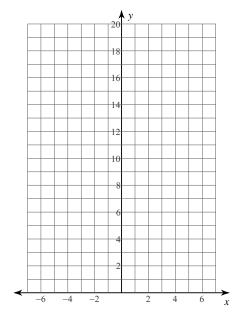
2)
$$y = 5 \cdot 2^x$$



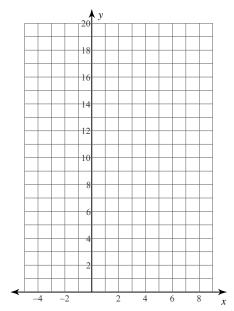
$$3) \quad y = 4 \cdot \left(\frac{1}{2}\right)^x$$



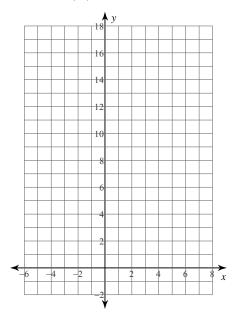
$$4) \quad y = 2 \cdot \left(\frac{1}{2}\right)^x$$



$$5) \ \ y = 3 \cdot 2^{x-2} + 2$$

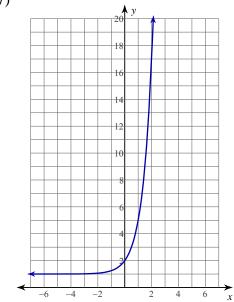


6)
$$y = 4 \cdot \left(\frac{1}{2}\right)^{x-1} - 2$$

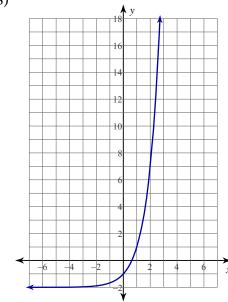


Write an equation for each graph.

7)



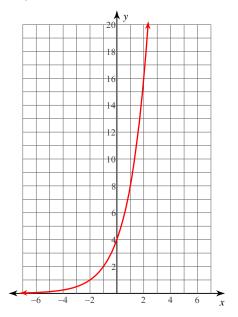
8)



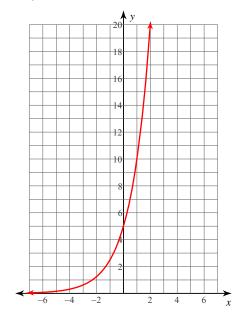
Graphing Exponential Functions

Sketch the graph of each function.

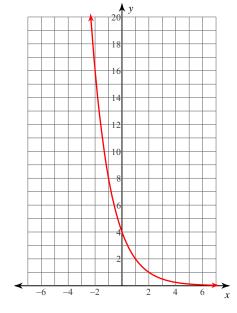
1)
$$y = 4 \cdot 2^x$$



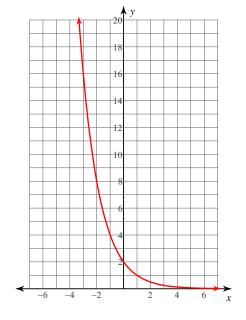
2)
$$y = 5 \cdot 2^x$$



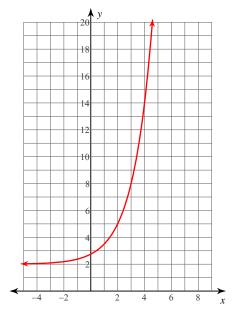
$$3) \quad y = 4 \cdot \left(\frac{1}{2}\right)^x$$



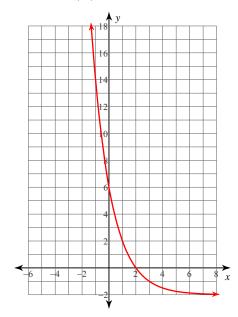
$$4) \quad y = 2 \cdot \left(\frac{1}{2}\right)^x$$



5)
$$y = 3 \cdot 2^{x-2} + 2$$

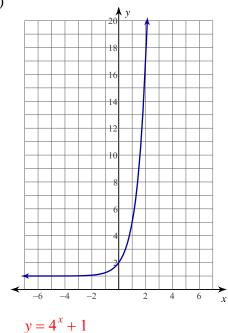


6)
$$y = 4 \cdot \left(\frac{1}{2}\right)^{x-1} - 2$$

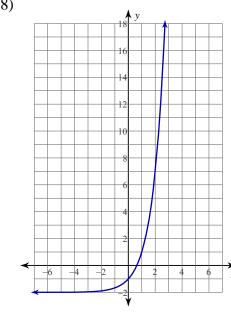


Write an equation for each graph.

7)



8)



$$y = 3^x - 2$$

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