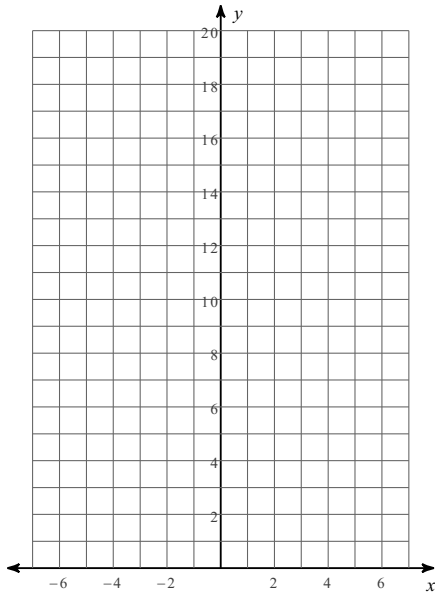


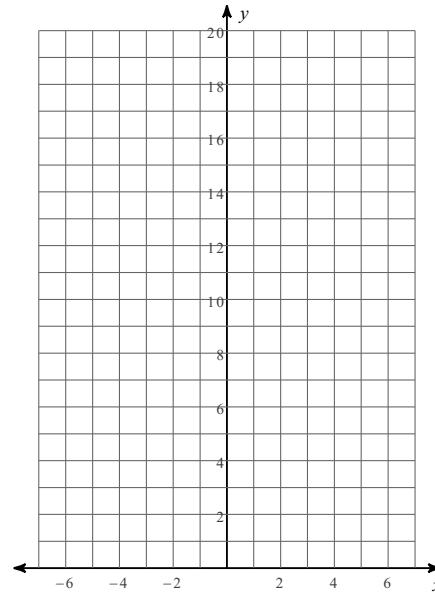
Graphing Exponential Growth

Identify and sketch the parent function. Then graph the transformed function.

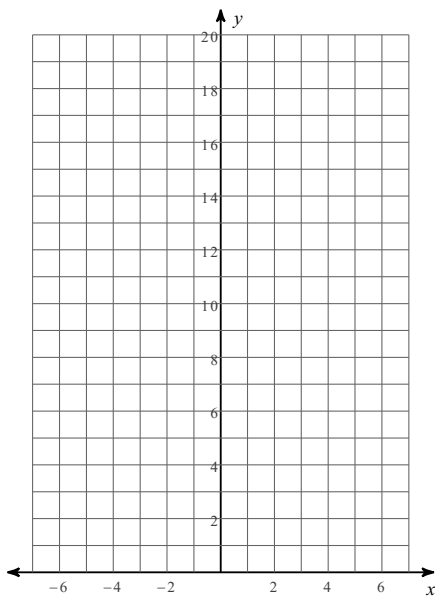
1) $y = 4^x$



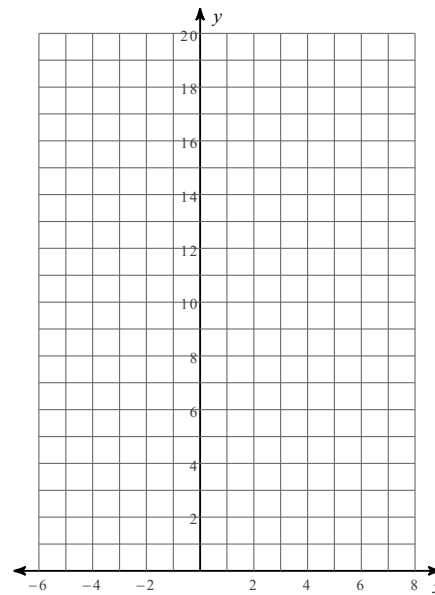
2) $y = 3 \cdot 2^x$



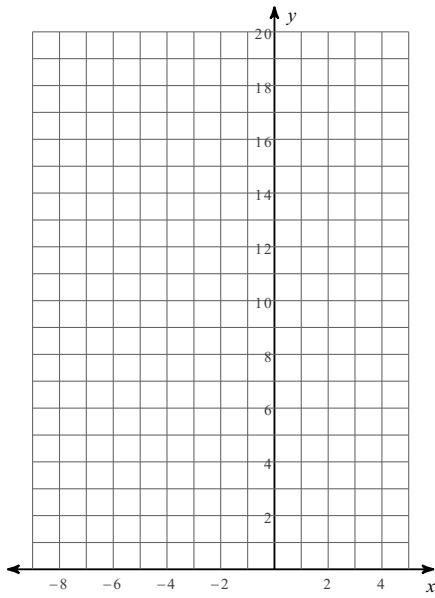
3) $y = \frac{1}{4} \cdot 2^x$



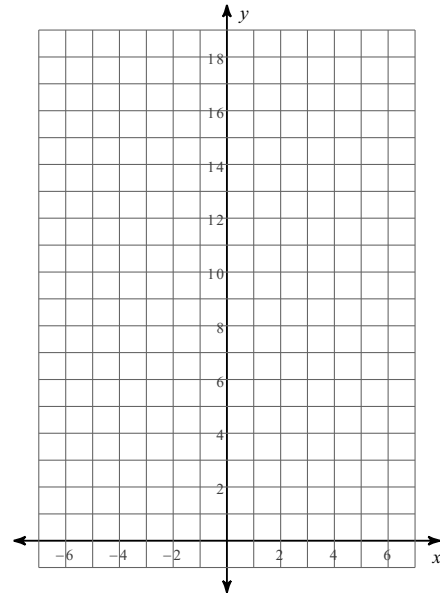
4) $y = 5 \cdot 2^{x-1}$



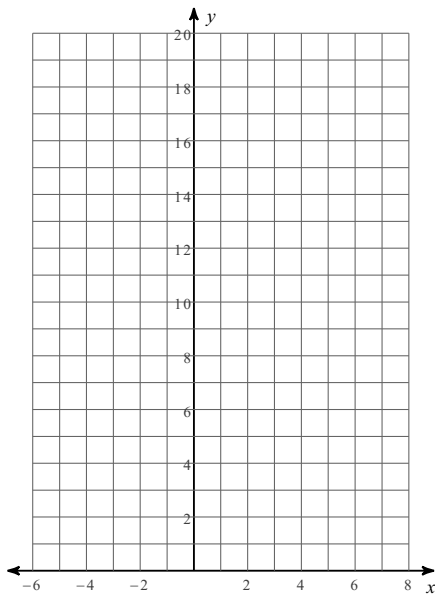
5) $y = 3 \cdot 2^{x+2}$



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



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



8) $y = \frac{1}{4} \cdot 5^{x-2} + 1$

