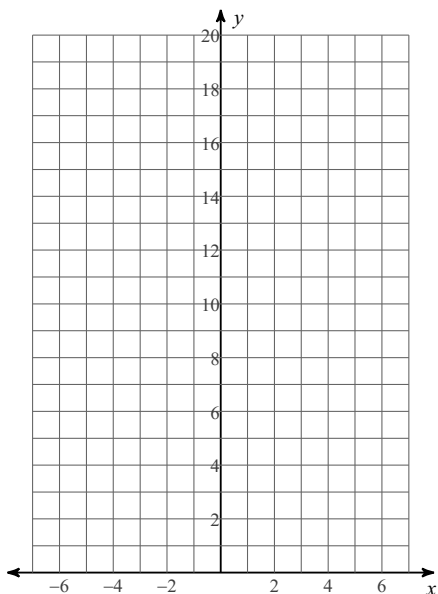


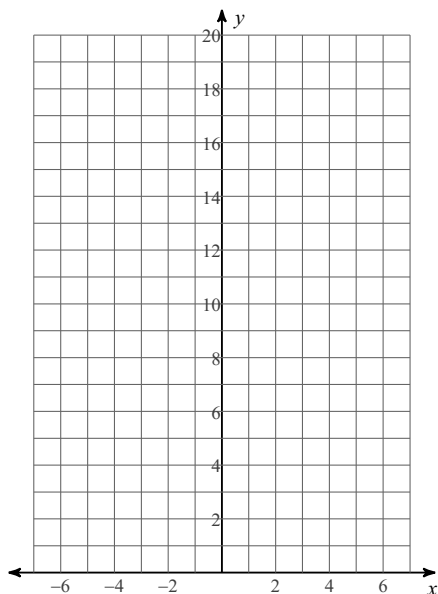
# HW #2 Graphing Exponential Functions

Sketch the graph of each function.

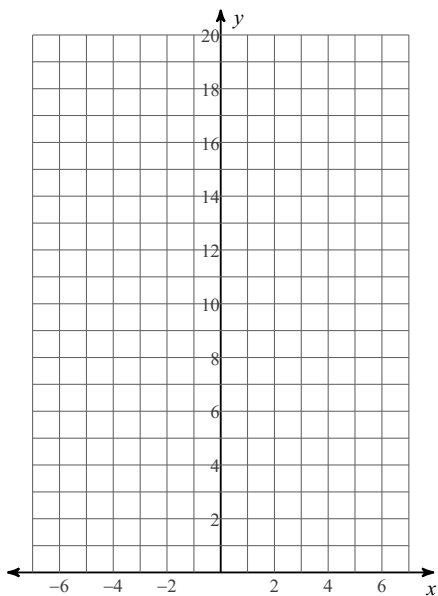
1)  $y = \frac{1}{3} \cdot 4^x$



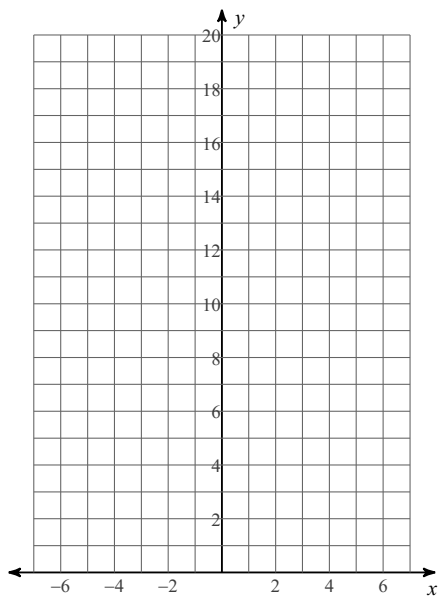
2)  $y = \frac{1}{4} \cdot 2^x$



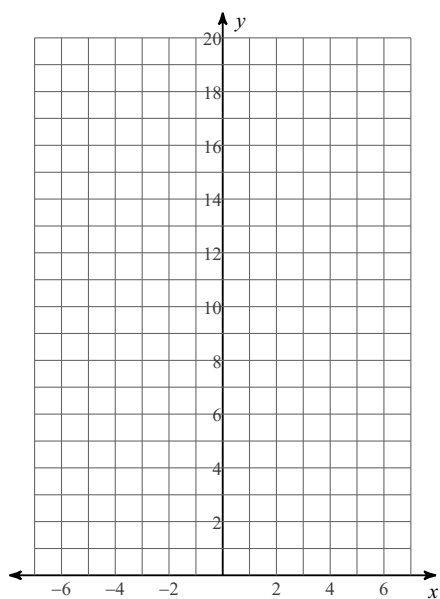
3)  $y = 5 \cdot 2^x$



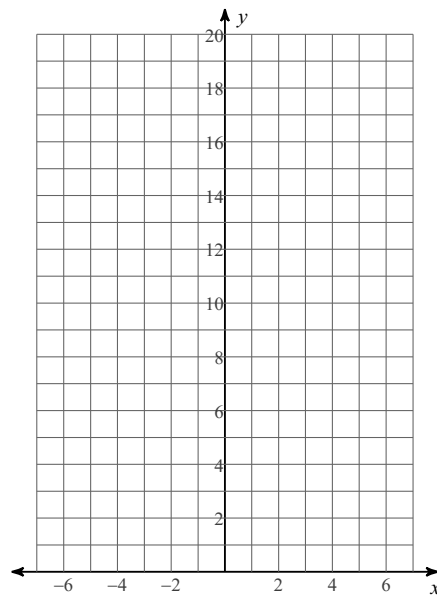
4)  $y = 4 \cdot 2^x$



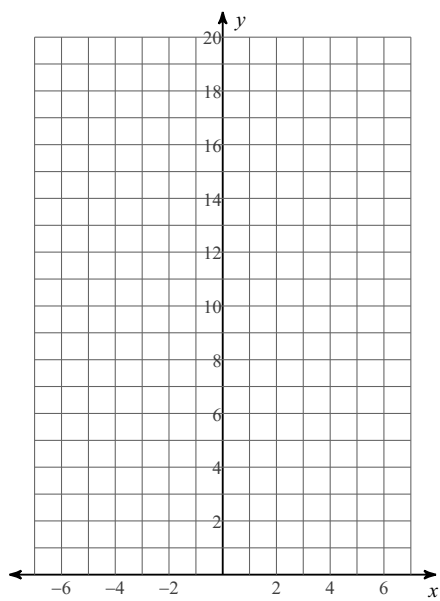
5)  $y = 2 \cdot 3^x$



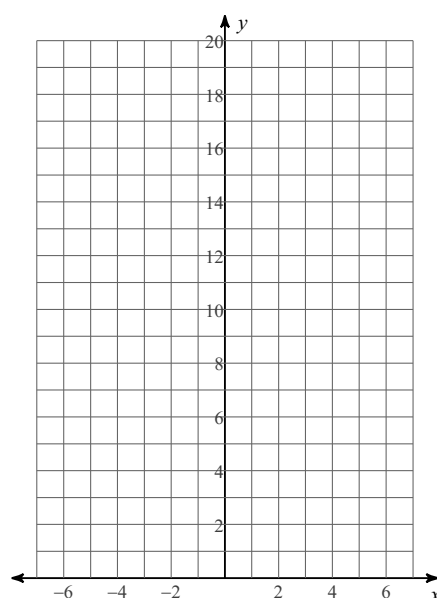
6)  $y = \frac{1}{3} \cdot 5^x$



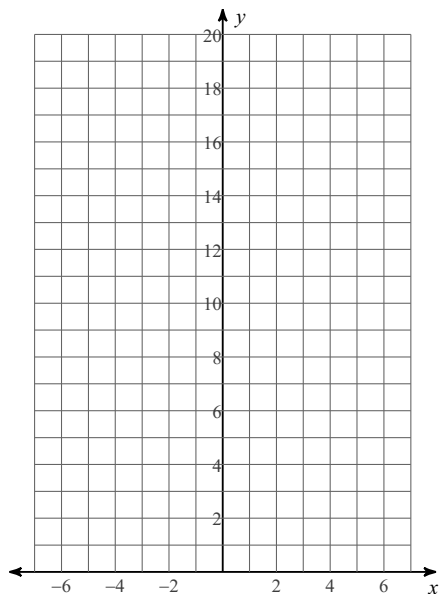
7)  $y = 2 \cdot 2^x$



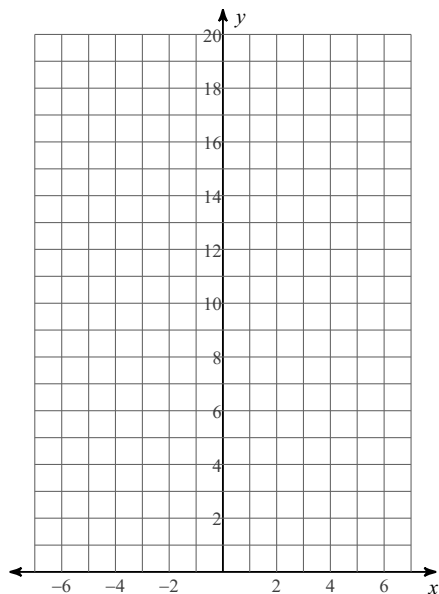
8)  $y = \frac{1}{2} \cdot 5^x$



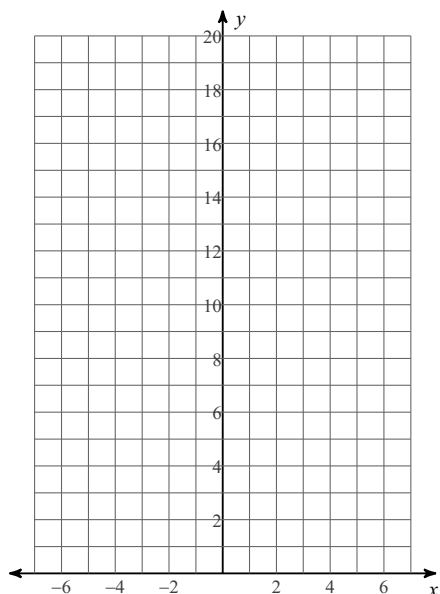
$$9) y = \frac{1}{3} \cdot \left(\frac{1}{6}\right)^x$$



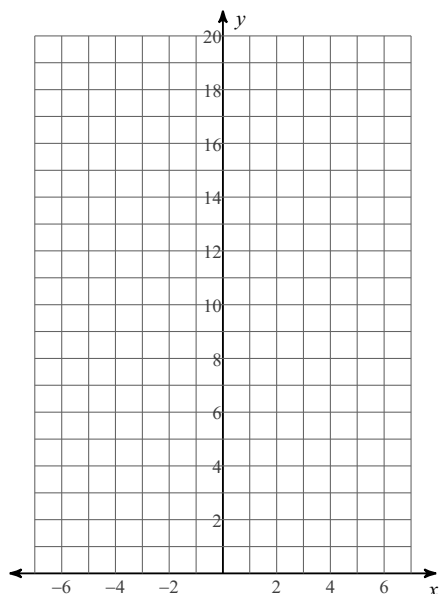
$$10) y = \frac{1}{3} \cdot \left(\frac{1}{4}\right)^x$$



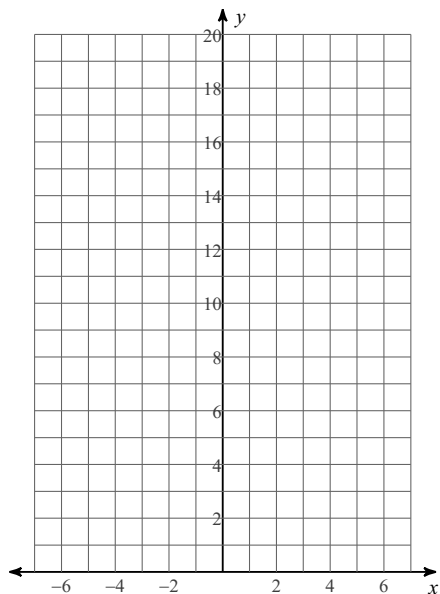
$$11) y = \frac{1}{2} \cdot \left(\frac{1}{4}\right)^x$$



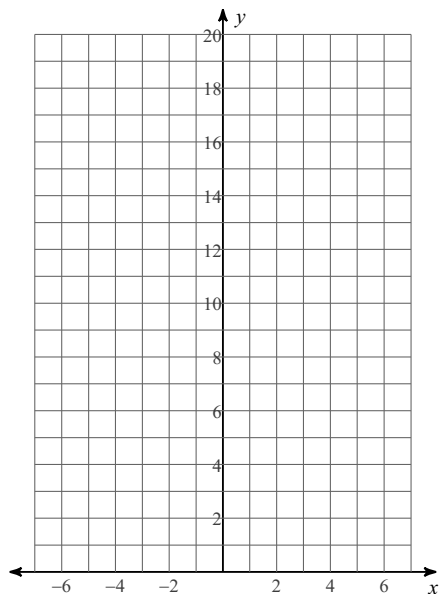
$$12) y = 4 \cdot \left(\frac{1}{2}\right)^x$$



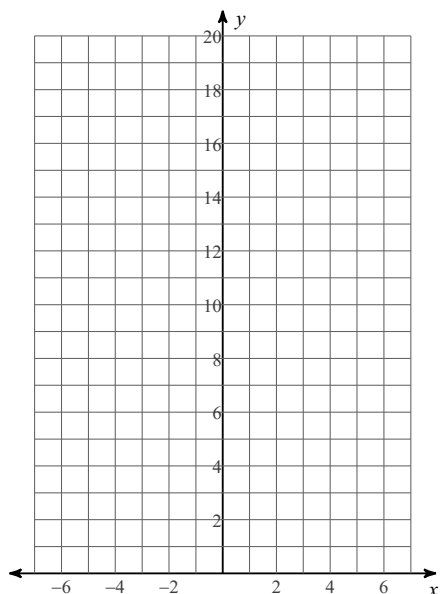
$$13) y = 3 \cdot \left(\frac{1}{2}\right)^x$$



$$14) y = 2 \cdot \left(\frac{1}{2}\right)^x$$



$$15) y = 2 \cdot \left(\frac{1}{3}\right)^x$$



$$16) y = 5 \cdot \left(\frac{1}{2}\right)^x$$

