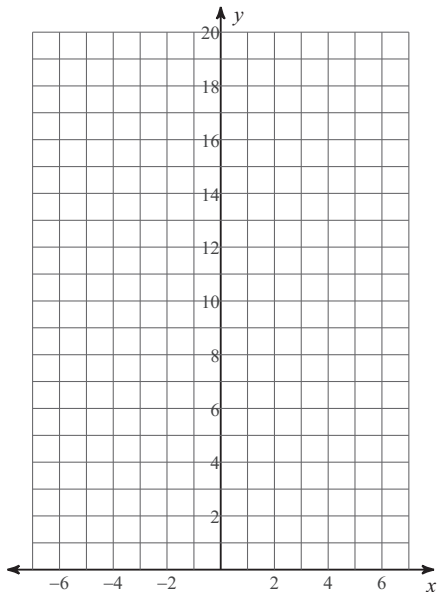


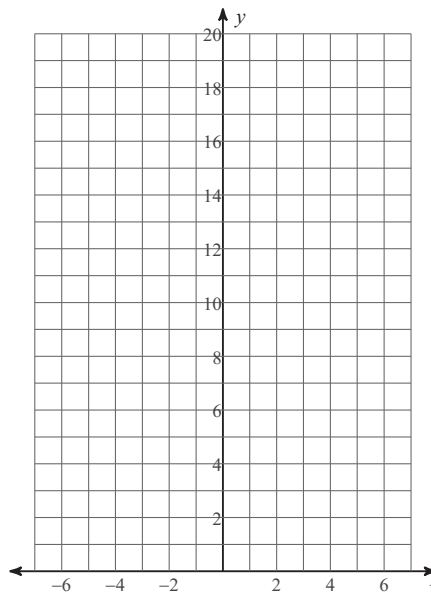
7.2 Practice A

Sketch the graph of the Parent Function and then graph each Function. Use a T-chart as necessary. Sketch the Horizontal Asymptote and state the Range.

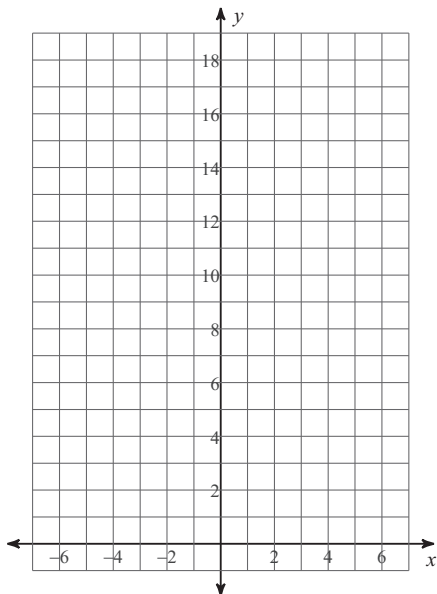
1) $f(x) = 5 \cdot 2^x$



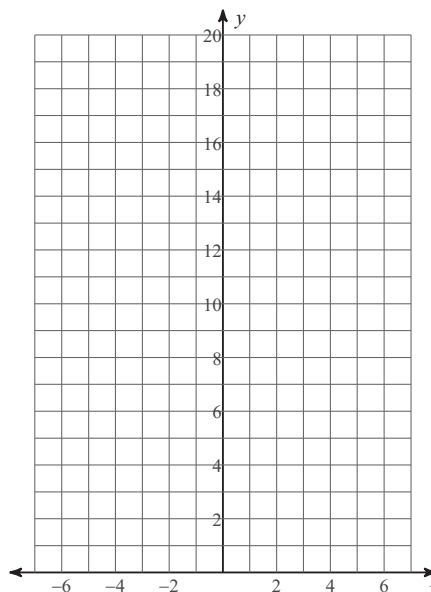
2) $f(x) = \frac{1}{4} \cdot \left(\frac{1}{8}\right)^x$



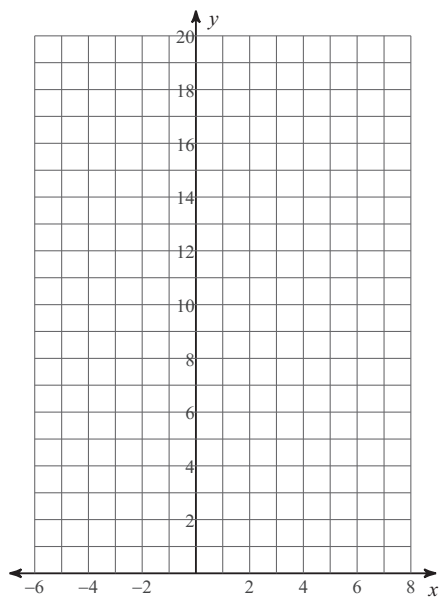
3) $f(x) = 4^x - 1$



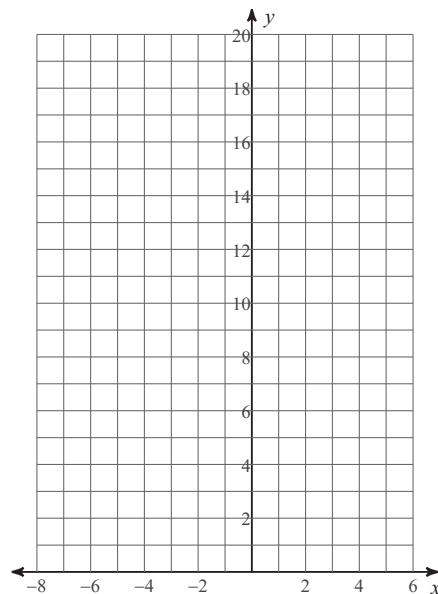
4) $f(x) = \left(\frac{1}{3}\right)^x + 1$



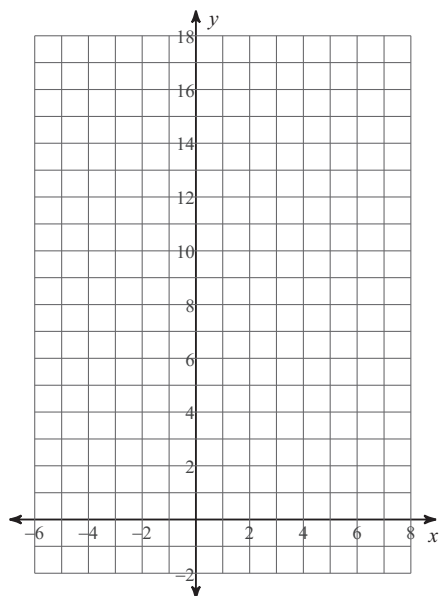
$$5) f(x) = 4^{x-1}$$



$$6) f(x) = \left(\frac{1}{2}\right)^{x+1}$$



$$7) f(x) = 3^{x-1} - 2$$



$$8) f(x) = \left(\frac{1}{4}\right)^{x-2} - 2$$

