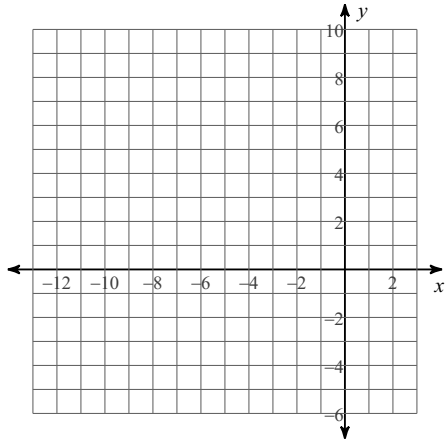


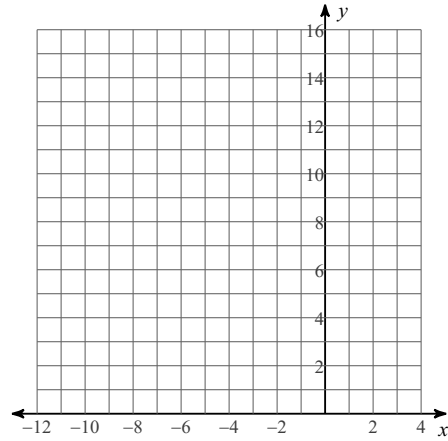
Week 25 Extra Credit

Create the exponential graph for each. Use the TI.

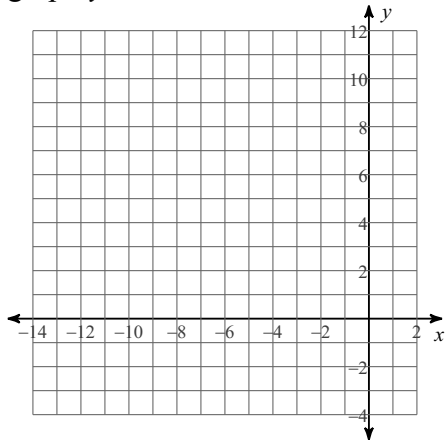
1) Graph $y = 2 \cdot 4^x - 5$



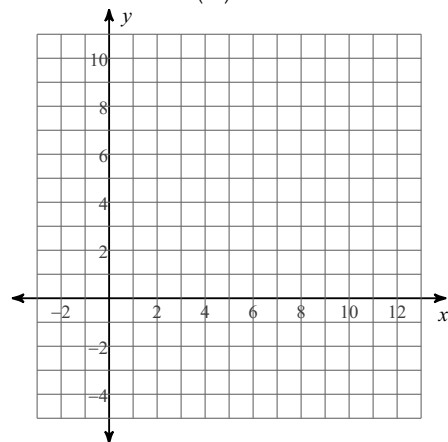
2) Graph $y = 3 \cdot 2^x + 2$



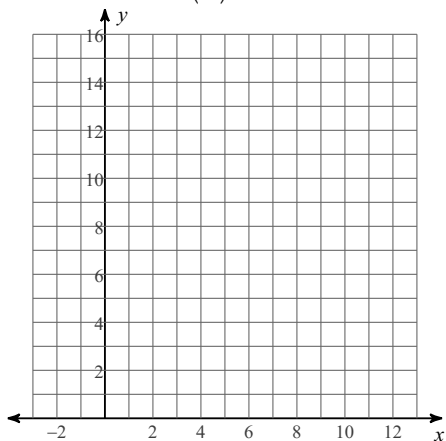
3) graph $y = 5 \cdot 3^x - 3$



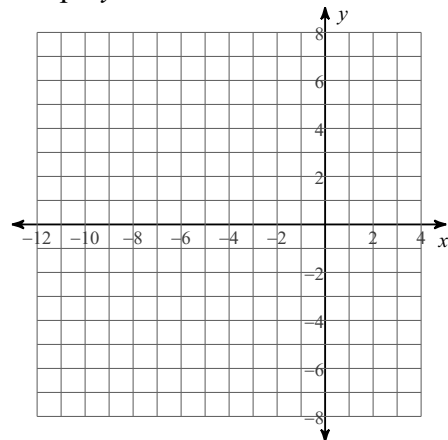
4) Graph $y = 4 \cdot \left(\frac{1}{2}\right)^x - 4$



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

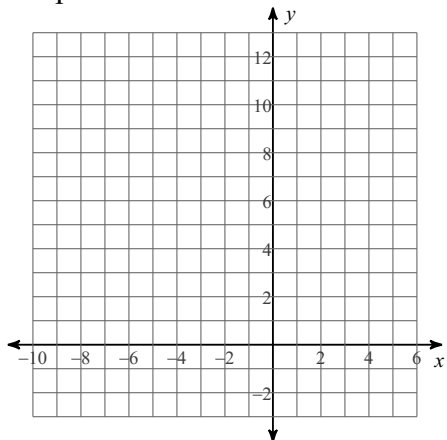


6) Graph $y = -2 \cdot 2^x + 7$

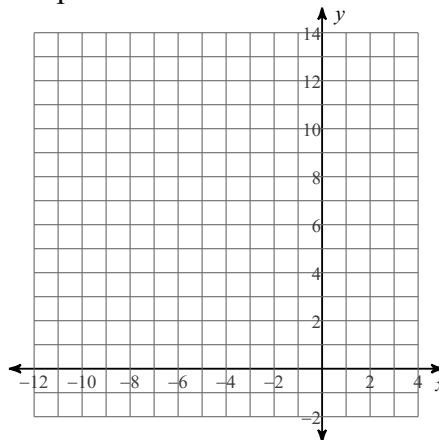


Graph each by showing formula to factors to roots to graph.

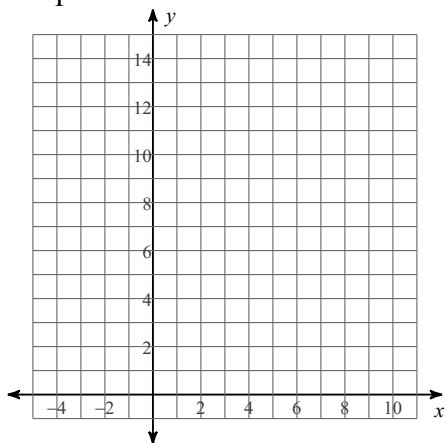
7) Graph $x^2 + 5x + 4$



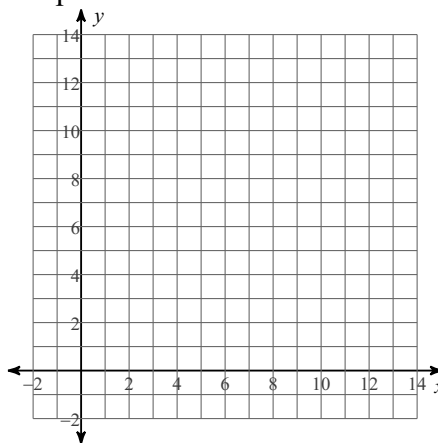
8) Graph $x^2 + 8x + 15$



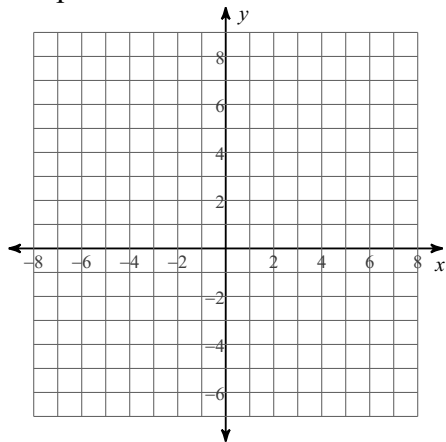
9) Graph $x^2 - 7x + 12$



10) Graph $x^2 - 12x + 35$



11) Graph $x^2 - x - 6$



12) Graph $x^2 + 4x - 5$

