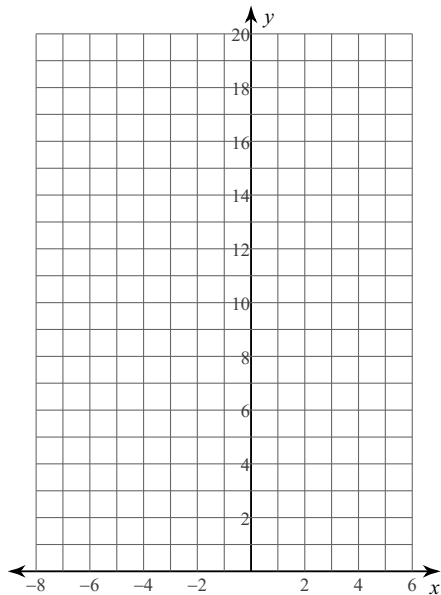


HW 12.3

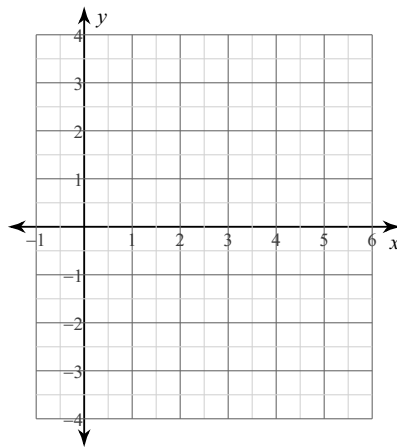
Date _____ Period _____

Graph each of the following functions and identify the family.

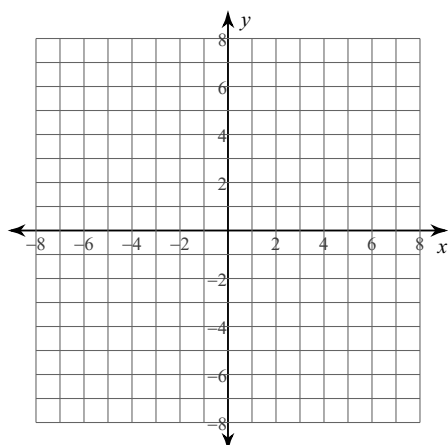
1) $f(x) = 2^{x+1} + 2$



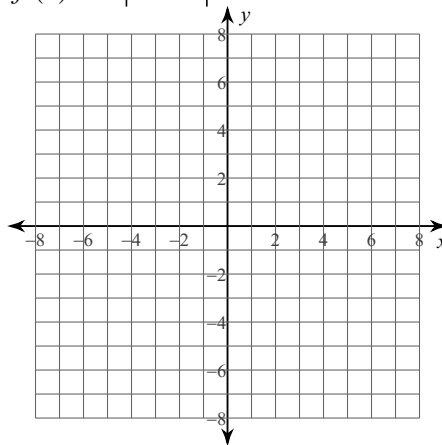
2) $f(x) = (x - 4)^2 - 2$



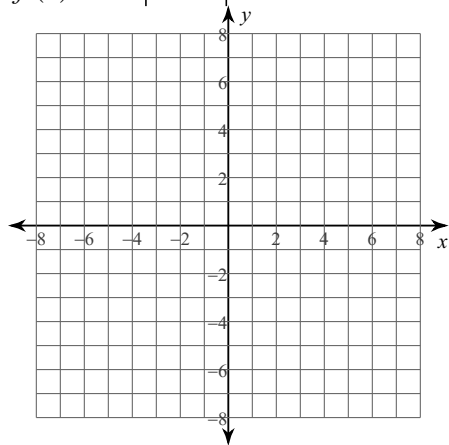
3) $y = \sqrt{x+5} + 2$



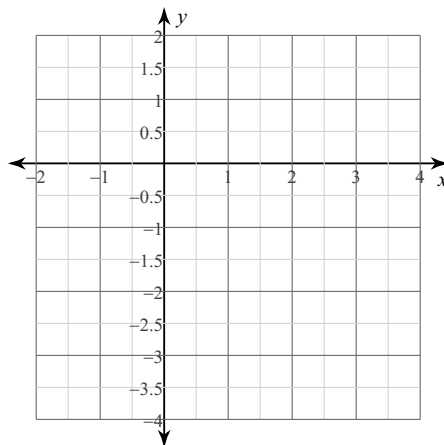
4) $f(x) = |x - 3| + 1$



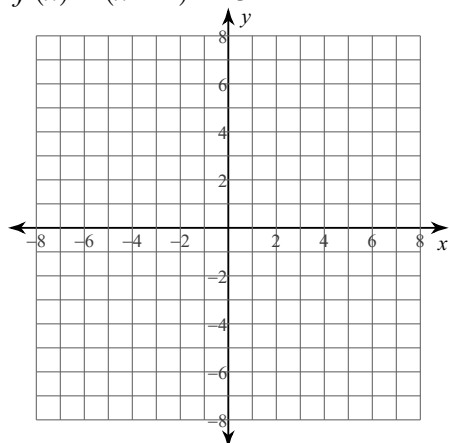
5) $f(x) = -|x + 2| - 4$



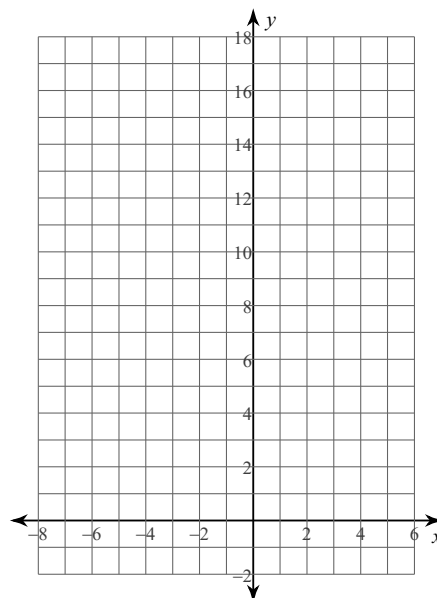
6) $f(x) = (x - 1)^2 - 3$



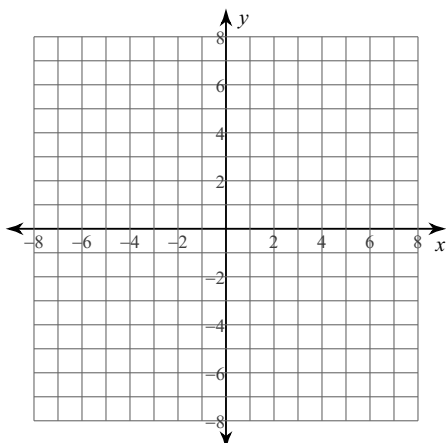
7) $f(x) = (x+1)^3 - 3$



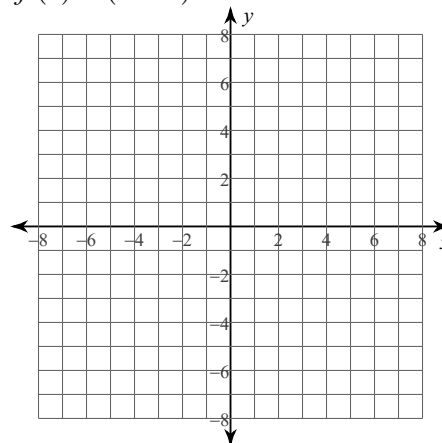
8) $f(x) = 2^{x+1} - 2$



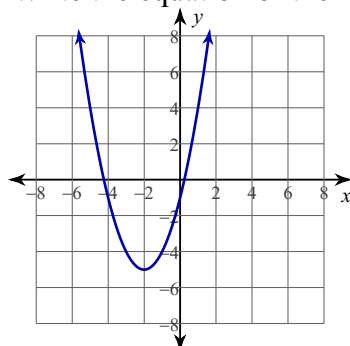
9) $y = \sqrt{x+6} + 1$



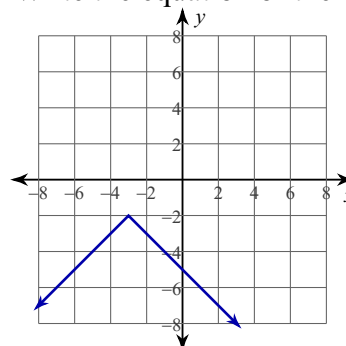
10) $f(x) = (x-4)^3$



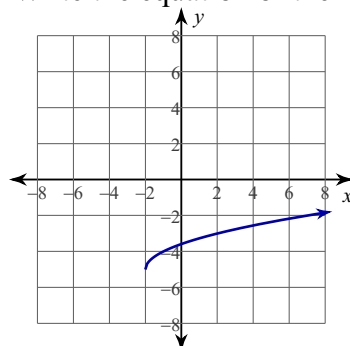
11) Write the equation of the function graphed:



12) Write the equation of the function graphed:



13) Write the equation of the function graphed:



14) Write the equation of the function graphed:

