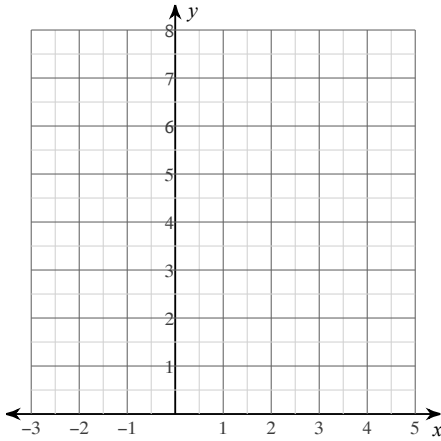


QUADRATIC FUNCTIONS

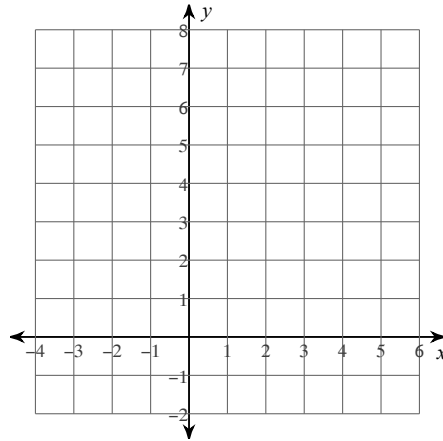
COMPLETE THE FOLLOWING FOR 1-4

1. GRAPH THE QUADRATIC
2. IDENTIFY (ZEROS, Y-INT, VERTEX, MAX/MIN, AXIS OF SYM.)
3. MAKE A TABLE

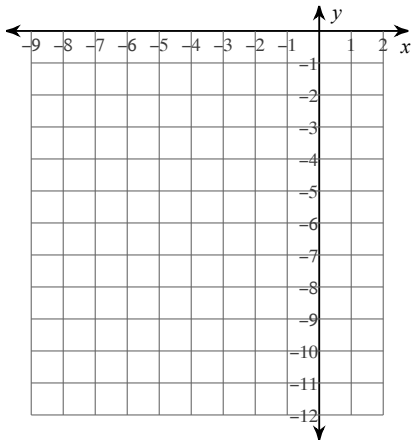
1) $y = x^2 - 2x + 4$



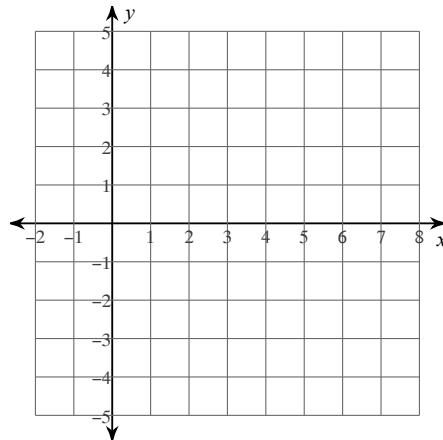
2) $y = 2x^2 - 8x + 7$



3) $y = -2x^2 - 16x - 35$



4) $y = 2x^2 - 12x + 14$



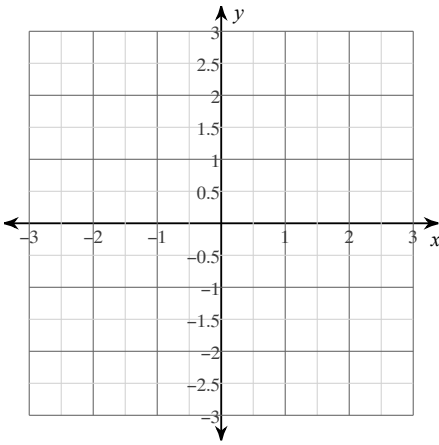
COMPLETE THE FOLLWOING FOR 5-8

1. GRAPH THE FUNCTION

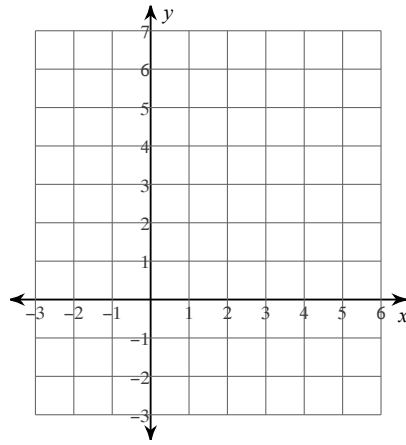
2. IDENTIFY (ZEROS, Y-INT, VERTEX, MAX/MIN, & AXIS OF SYM)

3. STATE THE TRANSFORMATION

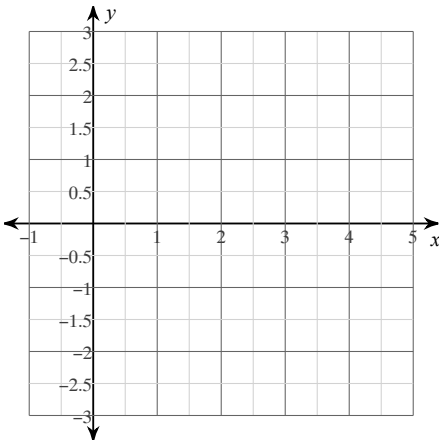
5) $y = (x + 1)^2 - 2$



6) $y = 2(x - 4)^2 - 2$



7) $y = -(x - 3)^2 + 2$



8) $y = -2(x - 1)^2 + 1$

