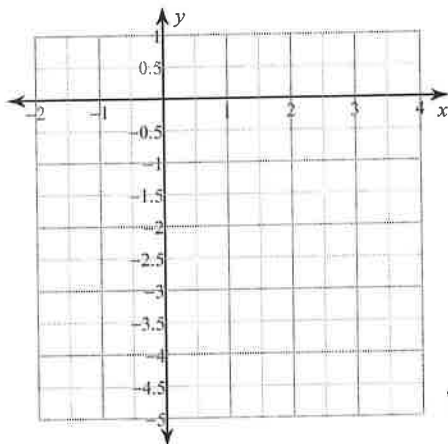


Graphing Quadratics Using a Table Intro Assingment Date _____ Period _____

Use a table to find points to graph the quadratic and then tell me the roots/x-intercepts/zeros. To get full credit you must do a table plot and graph the quadratic from the table and tell me the root solutions.

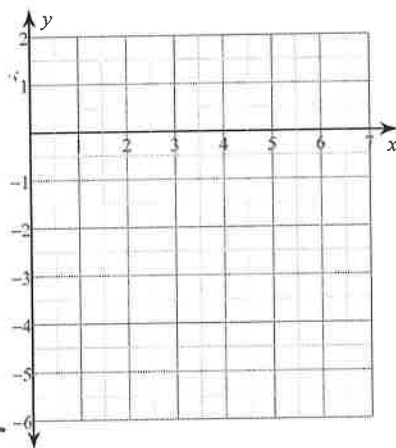
1) $y = x^2 - 4x$



x	y
-2	
-1	
0	
1	
2	
3	

roots: _____

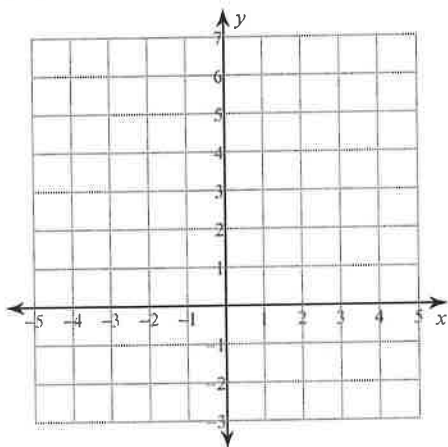
2) $y = x^2 - 8x + 12$



x	y
0	
1	
2	
3	
4	
5	

roots: _____

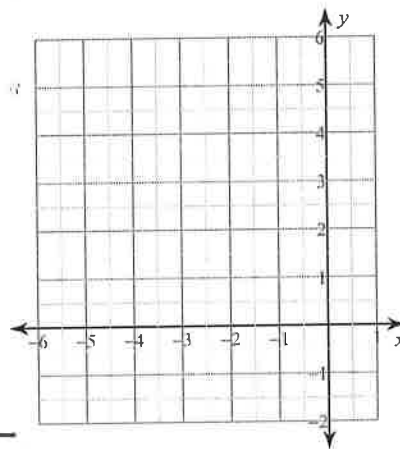
3) $y = 2x^2 + 12x + 16$



x	y
-4	
-2	
0	
1	
2	
3	

roots: _____

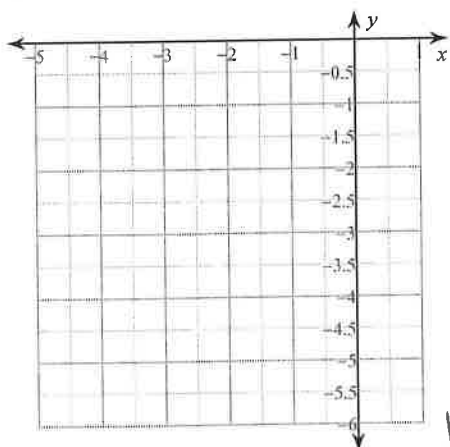
4) $y = -x^2 - 8x - 12$



x	y
-6	
-4	
-3	
-2	
-1	
0	

roots: _____

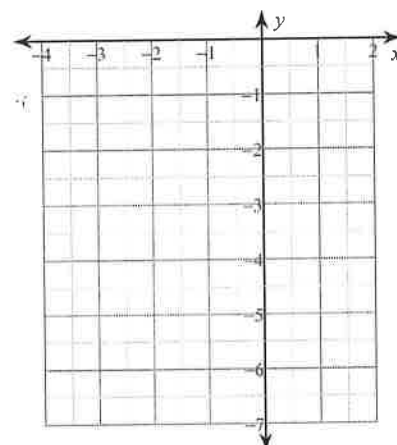
5) $y = -x^2 - 6x - 10$



x	y
-5	
-4	
-3	
-2	
-1	
0	

roots: _____

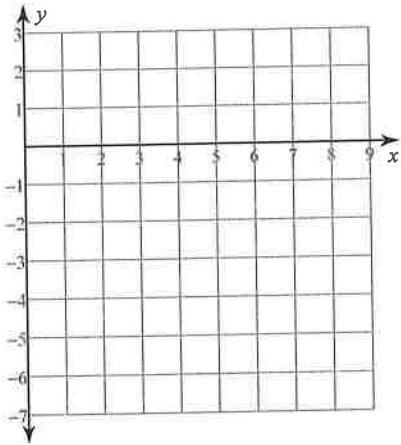
6) $y = -x^2 - 2x - 3$



x	y
-4	
-3	
-2	
-1	
0	
1	

roots: _____

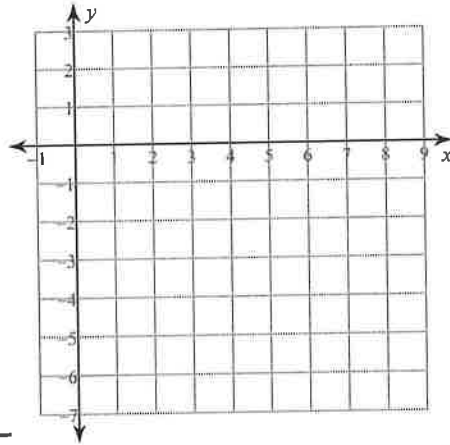
7) $y = -2x^2 + 16x - 30$



x	y
0	
1	
3	
4	
6	
7	

roots: _____

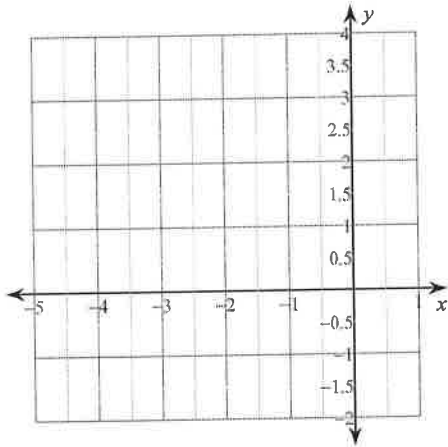
8) $y = -2x^2 + 8x - 6$



x	y
0	
1	
2	
3	
4	
5	
7	

roots: _____

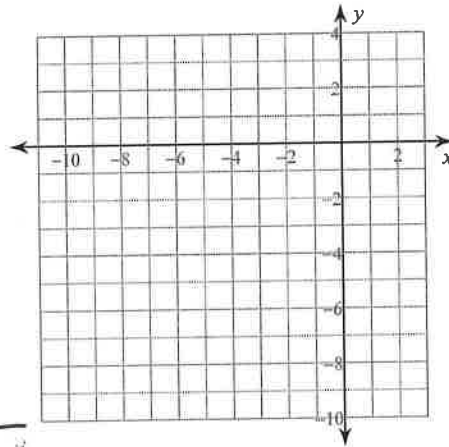
9) $y = x^2 + 6x + 8$



x	y
-4	
-3	
-2	
-1	
0	
1	

roots: _____

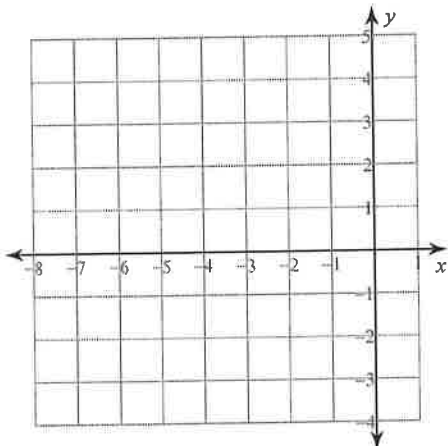
10) $y = -3x^2 - 18x - 24$



x	y
-10	
-8	
-6	
-4	
-2	
0	
2	

roots: _____

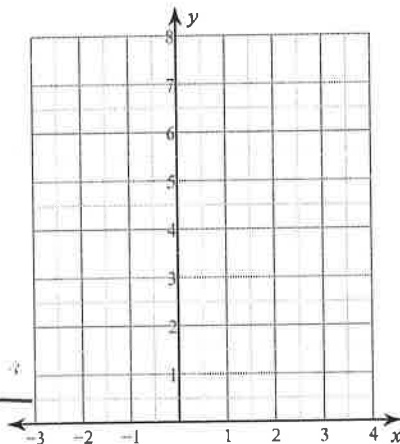
11) $y = -2x^2 - 18x - 36$



x	y
-8	
-6	
-4	
-2	
0	
1	

roots: _____

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



x	y
-3	
-1	
0	
1	
2	
3	

roots: _____