

First Name: _____

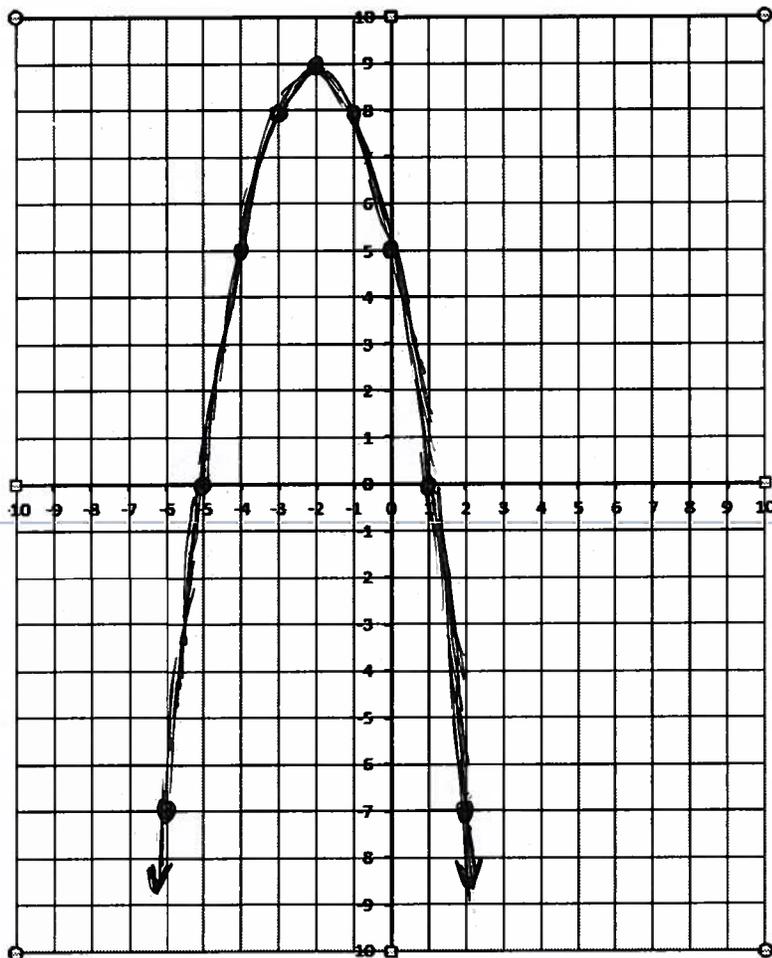
Last Name: _____

L17 - EQ - 4.1 Graphical Solutions of Quadratic Equations

Q1: Solve the equation $y = -x^2 - 4x + 5$ graphically. (3 marks)

(Table of values - 1 mark, Graphed function - 1 mark, Final statement - 1 mark)

Ans: If you graph it with your calculator, you already know the domain for your table of values.



x	y
-6	-7
-5	0
-4	5
-3	8
-2	9
-1	8
0	5
1	0
2	-7

$y = -x^2 - 4x + 5$

$x = -5, +1$

MARKING:

- Beginning 0 - 1.0
- Progressing 1.5
- Competent 2.0 - 2.5
- Exemplary 3.0