

Solving Quadratic Equations by Graphing
03/22/2012

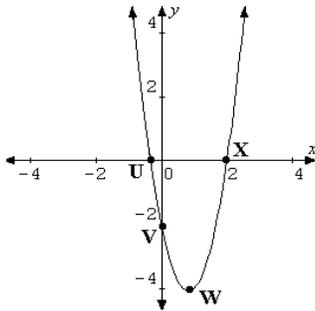
Student Name: _____

Class: _____

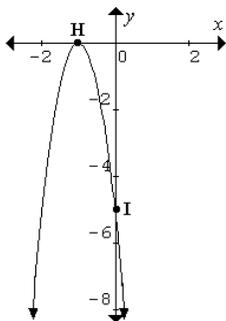
Date: _____

Instructions: Read each question carefully and select the correct answer.

1. The following graph represents the equation $y = 3x^2 - 5x - 2$. Choose the point(s) on the graph that would solve the equation $3x^2 - 5x - 2 = 0$.

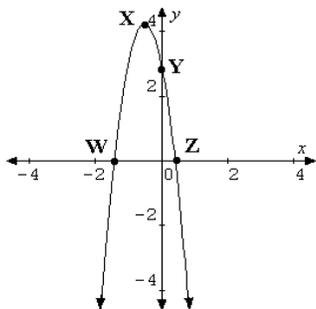


- A. Points U and X
B. Point V
C. Points U, V, and X
D. Point W
2. The following graph represents the equation $y = -5x^2 - 10x - 5$. Choose the point(s) on the graph that would solve the equation $-5x^2 - 10x - 5 = 0$.

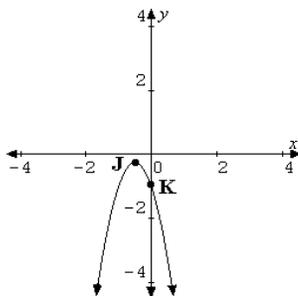


- A. no real solutions
B. Point H
C. Point I
D. Points H and I

3. The following graph represents the equation $y = -5x^2 - 5x + 3$. Choose the point(s) on the graph that would solve the equation $-5x^2 - 5x + 3 = 0$.



- A. Points W, Y, and Z
B. Point X
C. Point Y
D. Points W and Z
4. The following graph represents the equation $y = -3x^2 - 3x - 1$. Choose the point(s) on the graph that would solve the equation $-3x^2 - 3x - 1 = 0$.



- A. There are no real number solutions.
B. All real numbers are solutions.
C. Point K
D. Point J