

Name \_\_\_\_\_  
Date \_\_\_\_\_

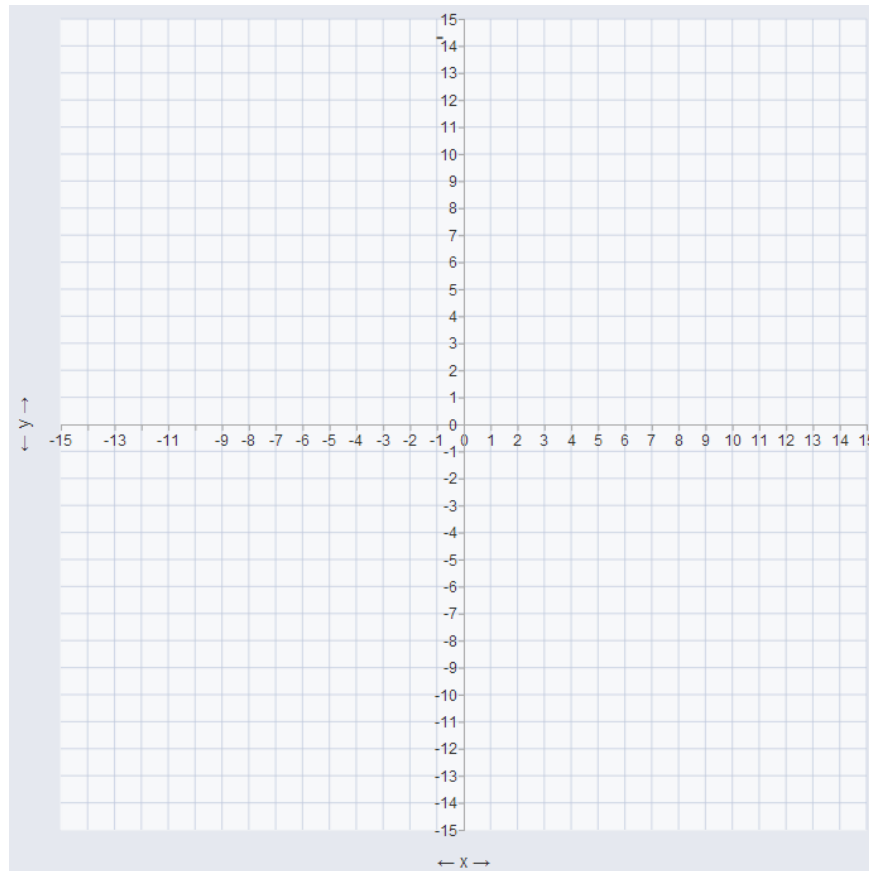
Graphing Quadratic Equations  
Check-In Worksheet

1. Complete the following using the function  $y = \frac{1}{2}x^2 + x - 7\frac{1}{2}$

a) Find the vertex

b) Find the x-intercepts

c) Graph the function

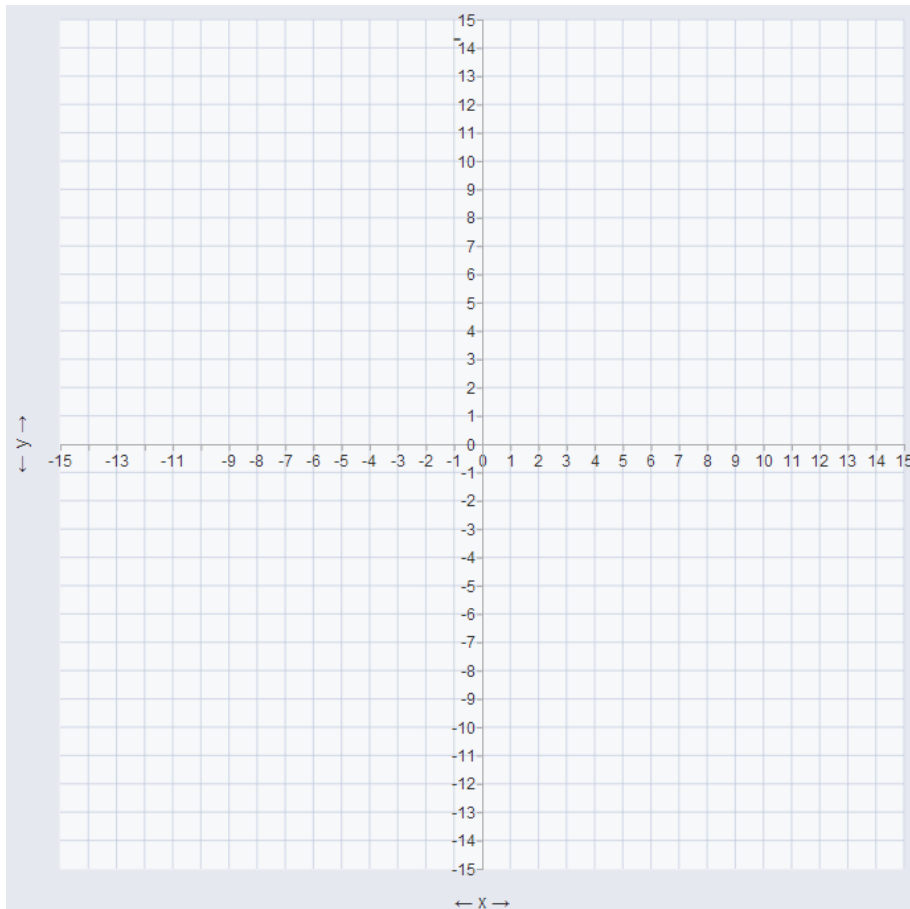


2. Complete the following using the function  $y = -x^2 - 2x + 8$

a) Find the vertex

b) Find the x-intercepts

c) Graph the function

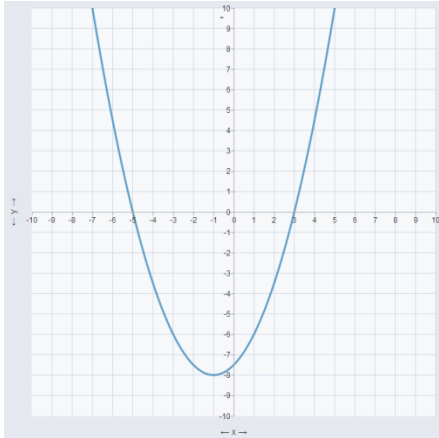


Answer Key:

1. a)  $(-1, -8)$

b)  $(3, 0)$  and  $(-5, 0)$

c)



2. a)  $(-1, 9)$

b)  $(-4, 0)$  and  $(2, 0)$

c)

