

G.G.70: Solve systems of equations involving one linear and one quadratic equation graphically

1. 060923ge, P.I. G.G.70

Given the system of equations: $y = x^2 - 4x$
 $x = 4$

The number of points of intersection is

- [A] 1 [B] 2 [C] 0 [D] 3

2. 080912ge, P.I. G.G.70

Given the equations: $y = x^2 - 6x + 10$
 $y + x = 4$

What is the solution to the given system of equations?

- [A] (2,2) and (1,3) [B] (2,3)
[C] (2,2) and (3,1) [D] (3,2)

NAME: _____

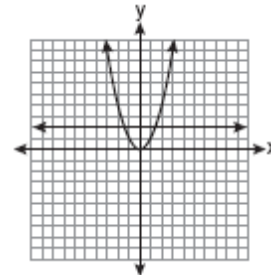
3. fall0805ge, P.I. G.G.70

Which graph could be used to find the solution to the following system of equations?

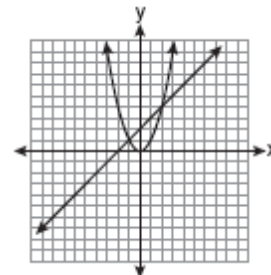
$$y = -x + 2$$

$$y = x^2$$

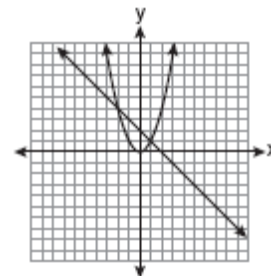
[A]



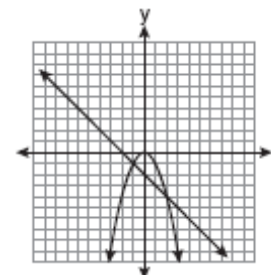
[B]



[C]



[D]



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[1] A

[2] C

[3] C