

NAME: _____

1. How many solutions does this system of equations have?

$$y = -2x^2$$

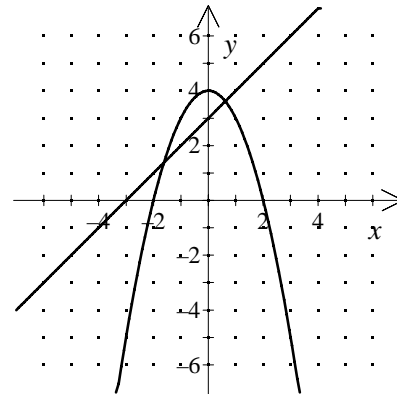
$$y = x + 4$$

[A] two [B] none [C] three

[D] one [E] infinitely many

[1] _____

2. Which system of equations is graphed below?



[A] $y = -x^2 - 4$
 $y = x + 3$

[B] $y = x^2 - 4$
 $y = x + 3$

[C] $y = x^2 + 4$
 $y = x + 3$

[D] $y = -x^2 + 4$
 $y = x + 3$

[E] $y = x^2 - 4$
 $y = 3x$

[2] _____

[1] B

[2] D