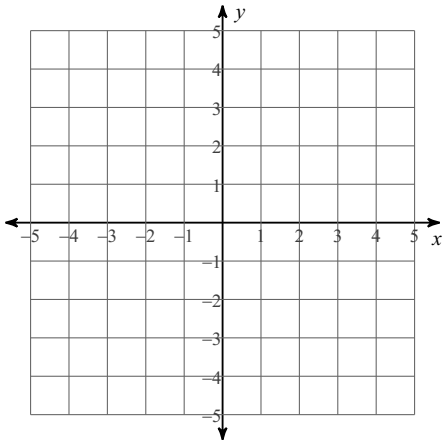
Algebra 1B Name_____

Chapter 6 Test Review

Solve each system by graphing.

1) $y = \frac{1}{2}x - 4$

$y = -x - 1$



Solve each system by substitution.

2) $-6x - 3y = 6$

$y = x + 4$

Solve each system by elimination.

3) $2x - 7y = -19$

$-2x + 6y = 14$

4) $-10x - 10y = 0$

$-7x - 10y = 27$

5) $-20x + 5y = -5$
$10x + 2y = 16$

6) $-10x + 5y = -20$
$-8x + 3y = -8$

Solve each system by graphing it on a graphing calculator.

7) $y = -\frac{1}{3}x + 4$
$y = \frac{5}{3}x - 2$

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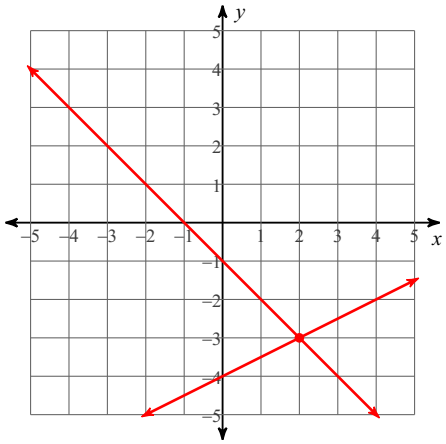

$(2, -3)$

Solve each system by substitution.

2) $-6x - 3y = 6$

$y = x + 4$

$(-2, 2)$

Solve each system by elimination.

3) $2x - 7y = -19$

$-2x + 6y = 14$

$(8, 5)$

4) $-10x - 10y = 0$

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$(9, -9)$

5) $-20x + 5y = -5$
$10x + 2y = 16$

$(1, 3)$

6) $-10x + 5y = -20$
$-8x + 3y = -8$

$(-2, -8)$

Solve each system by graphing it on a graphing calculator.

7) $y = -\frac{1}{3}x + 4$
$y = \frac{5}{3}x - 2$

$(3, 3)$