

Unit 4 Homework #5 Sect. 4.1 - 4.3

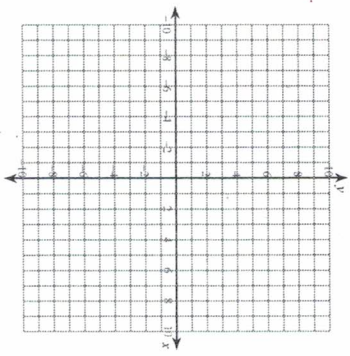
Name _____

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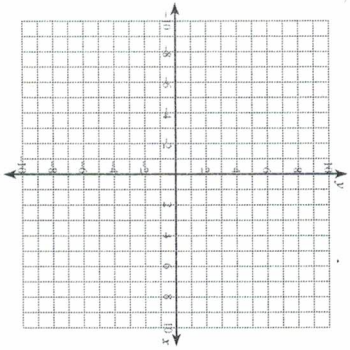
Period _____

Solve each system by graphing.

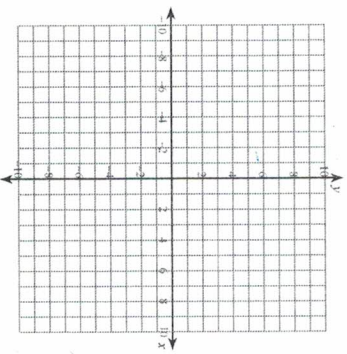
1) $x = -8$
 $y = \frac{3}{8}x - 3$



2) $2x - 3y = 6$
 $2x - 3y = -24$



3) $4x + 7y = 56$
 $6x - 7y = 14$



Solve each system by substitution.

4) $y = 10x - 42$
 $y = -7x + 9$

5) $y = x - 18$
 $11x + 19y = 48$

6) $x + 2y = 19$
 $6x - 10y = -18$

Solve each system by elimination.

7) $9x - 14y = -9$
 $8x + 14y = -8$

8) $10x + 6y = -34$
 $10x + 5y = -40$

9) $6x - 7y = -26$
 $-x - 9y = -16$

10) $16x + 4y = 20$
 $8x + y = 5$

11) $-8x - 3y = -23$
 $-6x - 4y = -26$