

NAME: _____

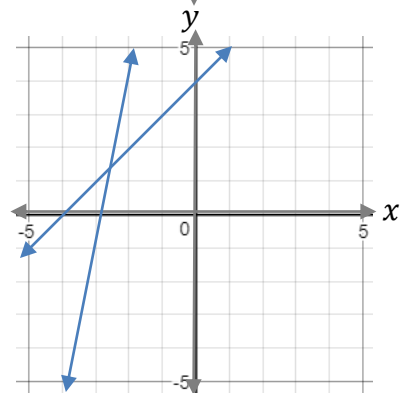
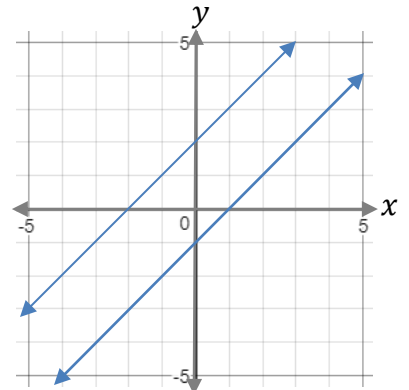
HW 5.1

DATE: _____

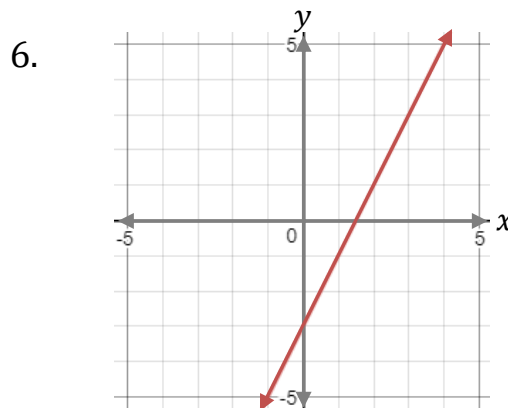
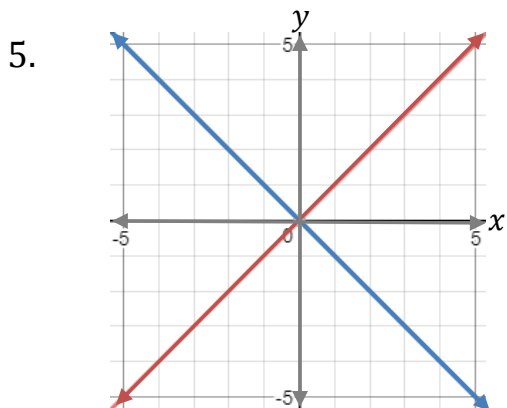
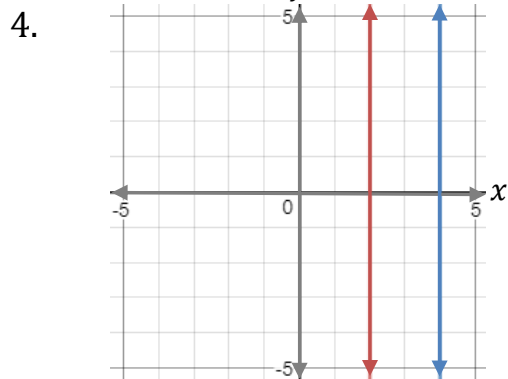
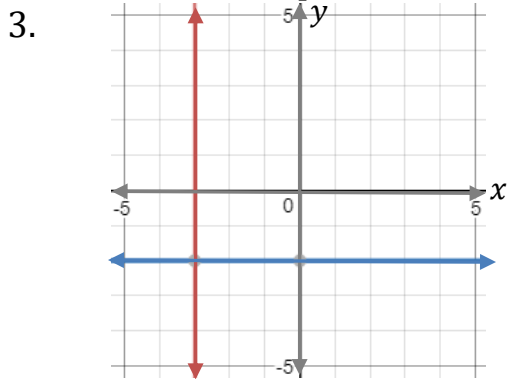
ALGEBRA

Multiple Choice.

- The system of equations represented by the graph at right is:
 - consistent and independent
 - inconsistent
 - consistent and dependent
 - codependent
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 - consistent and independent
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 - consistent and dependent
 - codependent

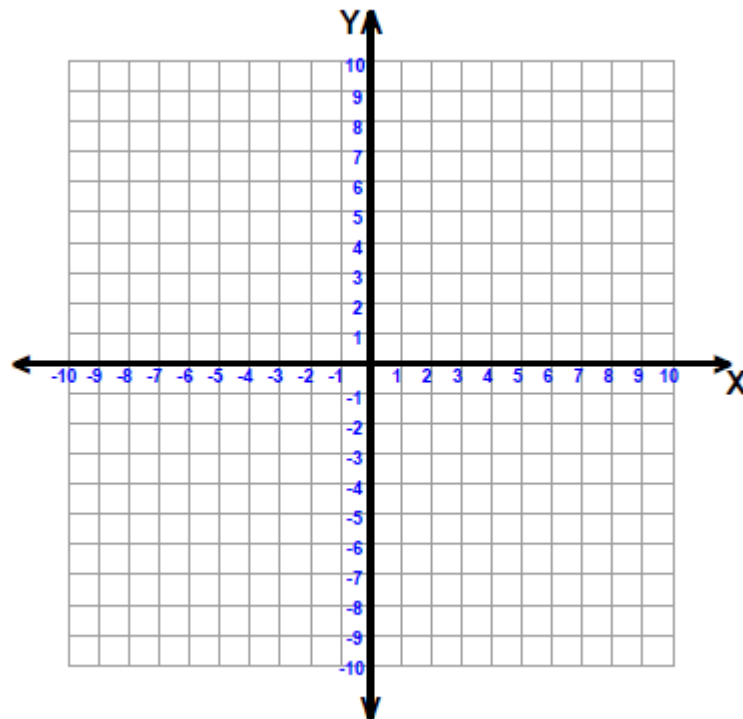


Identify each system of linear equations as consistent and independent, consistent and dependent, or inconsistent.

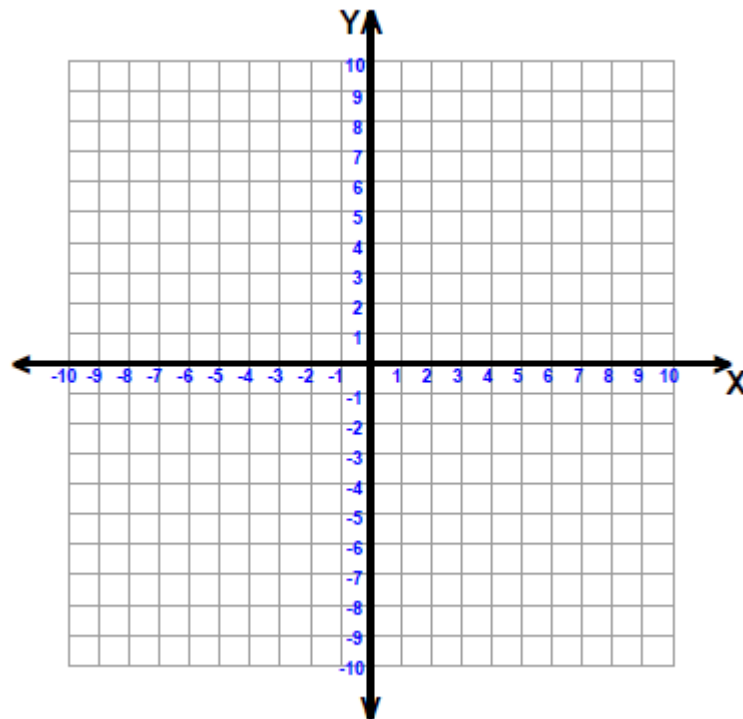


Solve each system graphically. Check and state the type of system.

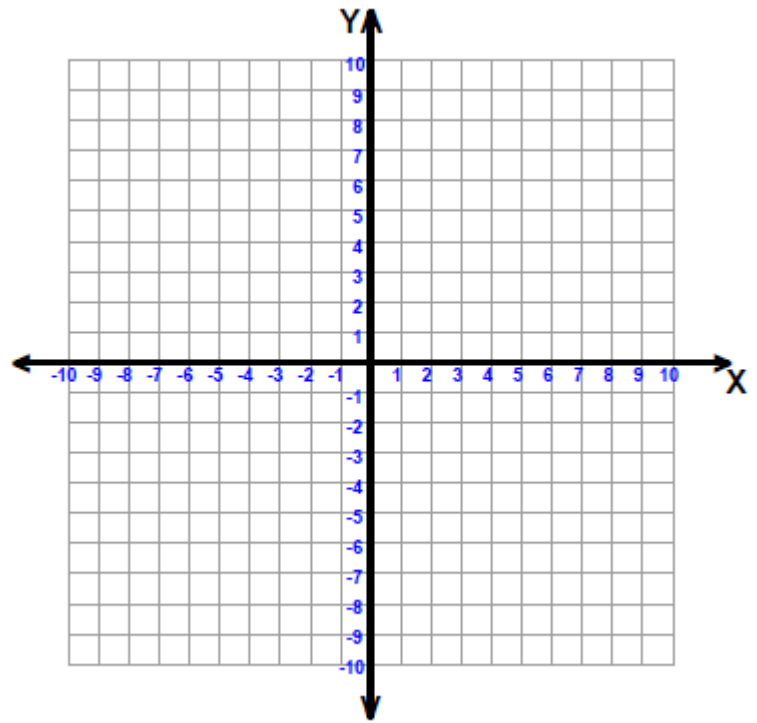
7. $y = -x + 7$
 $y = 2x + 1$



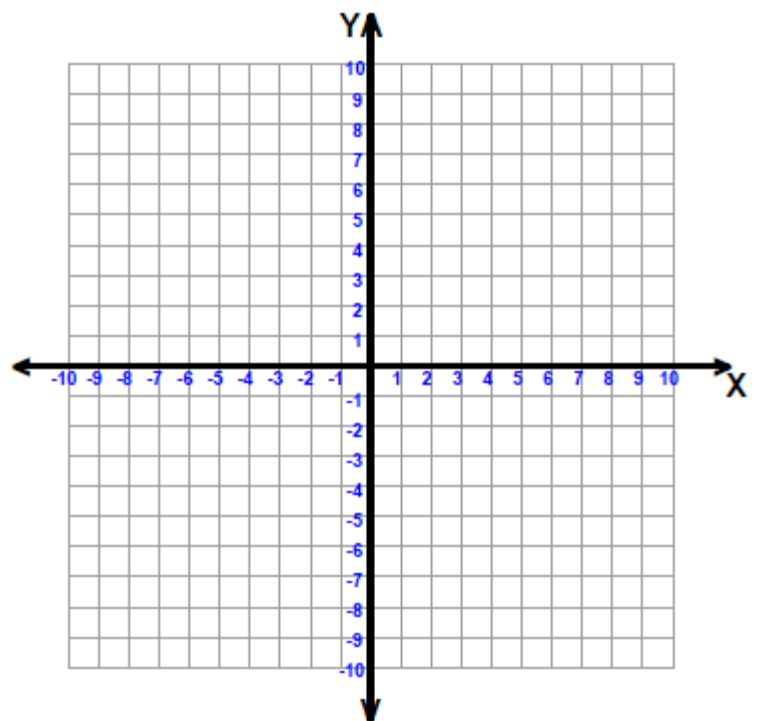
8. $x - y = 4$
 $y = \frac{1}{2}x$



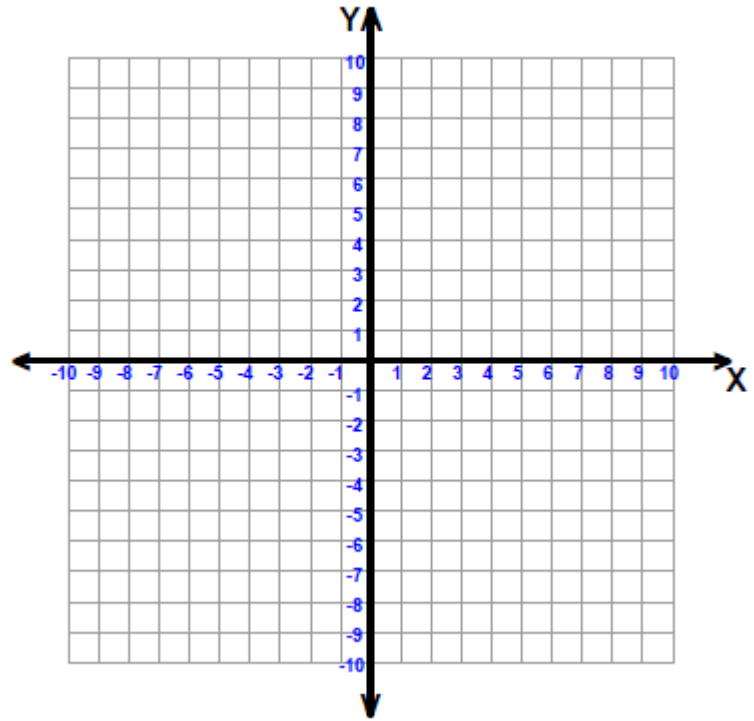
9. $x = 0$
 $y = -3$



10. $-2x + y = 1$
 $2y = 4x + 2$



11. $y = 3x - 3$
 $y - 3x - 1 = 0$



12. $y = -2x - 1$
 $x + y + 4 = 0$

