

TERMS AND SYMBOLS
GRAPHING II

Name _____

Partner Name _____

The following terms and symbols have been introduced in this unit.
Write the correct **term or symbol on the line to the left** of the matching definition.
Give a written **on the line to the right** of the matching definition.

inconsistent	system of equations	dependent	solution of the system
<u>Term or Symbol</u>	<u>Definition</u>		<u>Example</u>
_____	two or more equations having the same solution set		_____
_____	ordered pairs which satisfy the conditions of each equation		_____
_____	system of equations having no common solution		_____
_____	system of equations having an infinite number of solutions		_____

REPRESENTATIONS

1. Match the graphs with the systems of equations.

$x + y = 5$
 $x + y = 3$

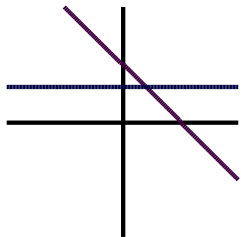
$x + y = 5$
 $2x + 2y = 10$

$x + y = 5$
 $x = 3$

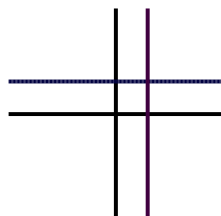
$x + y = 5$
 $y = 3$

$x = 5$
 $y = 3$

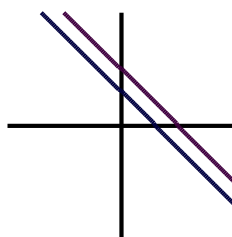
a.



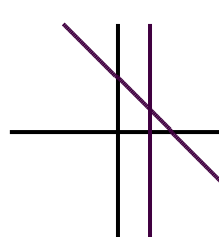
b.



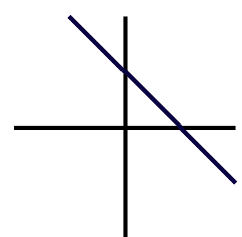
c.



d.



e.



2. Create a system of equations that has solution $x = 2$ and $y = 7$.

3. Create a system of equations which has no solution.

