Solve by COMBINATIONS

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

$-1(2x + 3y = 6)$

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

$0 \neq -9$ No Soln

Solve by SUBSTITUTION

$X = 8 + 4Y$
$2X - 8Y = 16$

$2(8+4y) - 8y = 16$

$16 + 8y - 8y = 16$

$16 = 16$ ✓

IMS

Homework Questions?

11

$-4x + y = -8$
$2(2x - 2y = -14)$

$-4x + y = -8$
$+ 4x - 4y = -28$

$\frac{-3y}{-3} = \frac{-36}{-3}$ $y = 12$

MATCHING GRAPHS Match the graph with its linear system. Does the system have *exactly one solution, no solution,* or *infinitely many solutions?*

A. $-2x + 4y = 1$
$3x - 6y = 9$

B. $2x - 2y = 4$
$-x + y = -2$

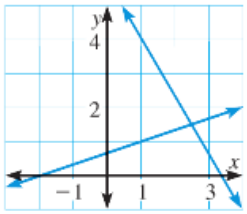
C. $2x + y = 4$
$-4x - 2y = -8$

D. $-x + y = 1$
$x - y = 1$

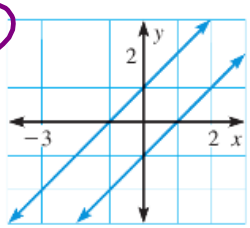
E. $5x + 3y = 17$
$x - 3y = -2$

F. $x - y = 0$
$5x - 2y = 6$

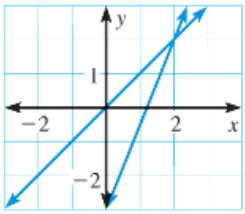
12.



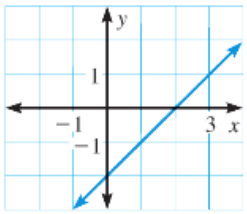
13.



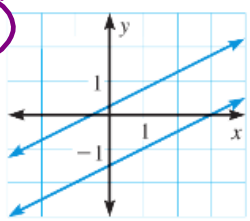
14.



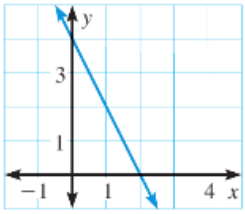
15.



16.



17.



7.5 Homework Day2

Practice Problem (Unit 2) Worksheet

*SHOW YOUR WORK

*Circle your answers

*Read Directions for **Method**

*Elimination is the SAME as Combinations

If finish, start working on Ch.7 Review Packet