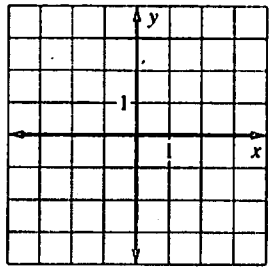
Name _____ Date _____

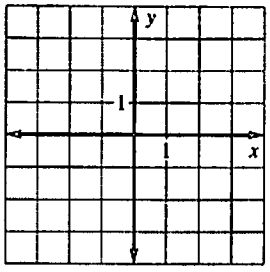
LESSON 1.2 **Practice** *continued*

Graph the linear system. Classify the system as *consistent and independent, consistent and dependent,* or *inconsistent.*

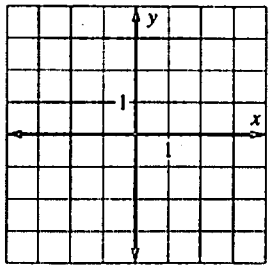
10. $-x + y = 1$
$x + y = 0$



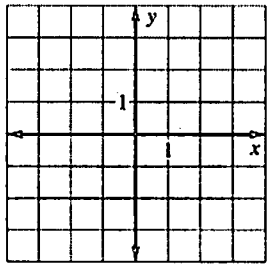
11. $x - y = -2$
$x + y = 2$



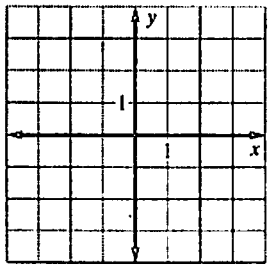
12. $2x + 2y = 6$
$-3x - 3y = 6$



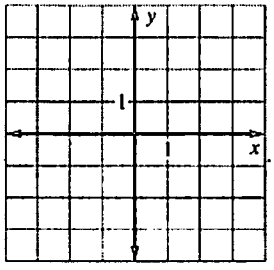
13. $4x + 2y = 5$
$8x + 4y = 10$



14. $4x + 3y = 9$
$-2x + 3y = -6$

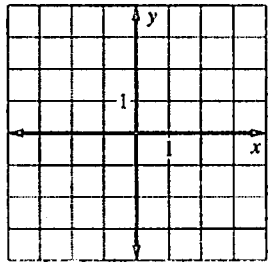


15. $x - 5y = 15$
$-2x + 10y = 30$

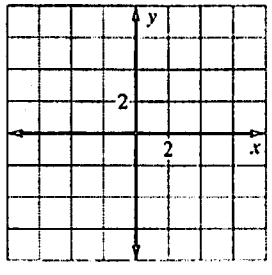


Graph the linear system and estimate the solution. Then check the solution algebraically.

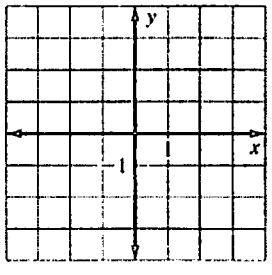
16. $2x + y = 1$
$x + y = 2$



17. $x - y = 5$
$2x + y = 4$



18. $4x + 2y = 3$
$4x + 2y = 0$



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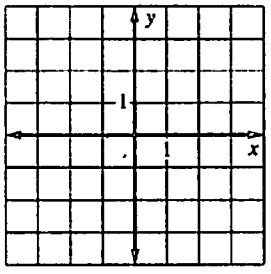
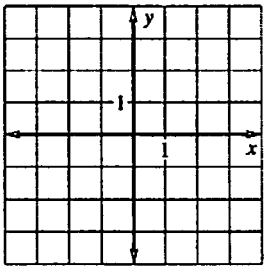
LESSON 1.2 **Practice** *continued*

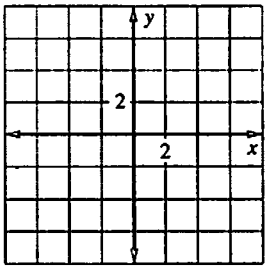
19. $-3x + 3y = 3$
$x - 2y = -4$



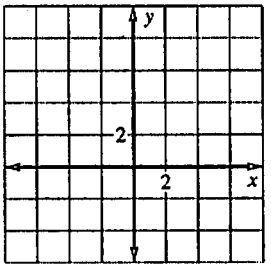
20. $5x - 3y = -2$
$x = -1$



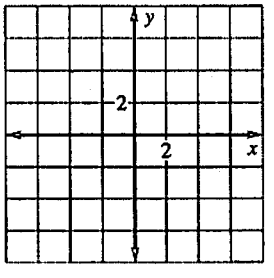
21. $y = 2$
$2x + 5y = 2$



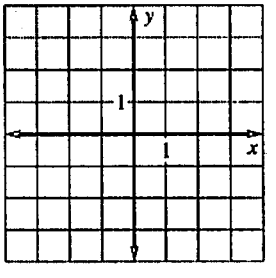
22. $y = 4x$
$-7x + y = -6$



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



24. $3x + 2y = 4$
$-8x - 3y = -6$



25. **Fitness** For cardiovascular exercise, you do a combination of walking and running for 60 minutes. During the 60 minutes, you end up running twice as much as walking. Let x represent the number of minutes you ran and y represent the number of minutes you walked. How many minutes did you run and how many did you walk?