

NAME PERIOD
5 Chapter 5 Test, Form 2C (continued)
Determine the best method to solve each system of equations. Then solve the system. $ \begin{array}{cccccccccccccccccccccccccccccccccc$
16. $x = 2y - 1$ 3003 ft. for $y = 17$ 3 $x - y = 17$ 3 $y - 5$ 4 - 13
Determine the best method to solve each system of man color 18.
18. $8x + 3y = 15$ $5x - 2y = -10$ $2x - 4y = 16$ $4x + 4y = -4$ 19. $2x + 4y = 16$ $4x + 4y = -4$ 20. The sum of two numbers is 17 and their difference is 29. $2x - 4y = 16$ $4x + 4y = -4$ 20. $2x - 4y = 16$ $4x + 4y = -4$ 21. $2x - 4y = 16$ $4x + 4y = -4$ 22. $2x - 2y = -2$ $3x + 4y = 17$ $4x + 4y = -4$ 23. $4x + 4y = -4$ 24. $4x + 4y = -4$ 25. $4x + 4y = -4$ 26. $4x + 4y = -4$ 27. $4x + 4y = -4$ 28. $4x + 4y = -4$ 29. $4x + 4y = -4$ 20. $4x + 4y = -4$ 21. $4x + 4y = -4$ 22. $4x + 4y = -4$ 23. $4x + 4y = -4$ 24. $4x + 4y = -4$ 25. $4x + 4y = -4$ 26. $4x + 4y = -4$ 27. $4x + 4y = -4$ 28. $4x + 4y = -4$ 29. $4x + 4y = -4$ 20. $4x + 4y = -4$ 21. $4x + 4y = -4$ 22. $4x + 4y = -4$ 23. $4x + 4y = -4$ 24. $4x + 4y = -4$ 25. $4x + 4y = -4$ 26. $4x + 4y = -4$ 27. $4x + 4y = -4$ 28. $4x + 4y = -4$ 29. $4x + 4y = -4$ 29. $4x + 4y = -4$ 20. $4x + 4y = -4$ 21. $4x + 4y = -4$ 22. $4x + 4y = -4$ 23. $4x + 4y = -4$ 24. $4x + 4y = -4$ 25. $4x + 4y = -4$ 26. $4x + 4y = -4$ 27. $4x + 4y = -4$ 28. $4x + 4y = -4$ 29. $4x + 4y = -4$ 29. $4x + 4y = -4$ 20. $4x + 4y = -4$ 20. $4x + 4y = -4$ 21. $4x + 4y = -4$ 22. $4x + 4y = -4$ 23. $4x + 4y = -4$ 24. $4x + 4y = -4$ 25. $4x + 4y = -4$ 26. $4x + 4y = -4$ 27. $4x + 4y = -4$ 28. $4x + 4y = -4$ 29. $4x + 4y = -4$ 29. $4x + 4y = -4$ 29. $4x + 4y = -4$ 20. $4x + 4y = -4$ 20. $4x + 4y = -4$ 21. $4x + 4y = -4$ 22. $4x + 4y = -4$ 23. $4x + 4y = -4$ 24. $4x + 4y = -4$ 25. $4x + 4y = -4$ 26. $4x + 4y = -4$ 27. $4x + 4y = -4$ 28. $4x + 4y = -4$ 29. $4x + 4y = -4$ 29. $4x + 4y = -4$ 20. $4x + 4y = -4$ 20. $4x + 4y = -4$ 21. $4x + 4y = -4$ 22. $4x + 4y = -4$ 23. $4x + 4y = -4$ 24. $4x + 4y = -4$ 25. $4x + 4y = -4$ 26. $4x + 4y = -4$ 27. $4x + 4y = -4$ 28. $4x + 4y = -4$ 29. $4x +$
21. Adult tickets for the school musical sold for \$3.50 and student tickets sold for \$2.50. Three hundred twenty-one tickets were sold altogether for \$937.50. How many of each object equation A + S = 32 \frac{1}{2} \frac
S:# of adet to kind of ticket were sold? S:# of adet to sequention 3.5.A + 2.5.S = 937.50
in all, find the number of nickels and dimes.
1769 square miles larger than the smallest county in the same state. The size of the largest county is 64 times the size of the smallest county plus five square miles. How size of the smallest county in the state of New York?
For Questions 24 and 25, use the following information. The Martinez Company manufactures two types of industrial fans, standard and economy. These items are built using machines and manual labor. The table gives the time requirements at each type of workstation for each type of fan. Hours per Hours per Total Hours Each Week Standard Fan Economy Fan Each Week
Hours per Standard Fan Economy Fan Each Week Machines 3 3 1500 Manual Labor 2 1 800 Hours per Economy Fan Each Week Salt and Gnother has \$ 90% 56H
24. Define variables and formulate a system of linear equations from this situation.
25. How many standard fans can be made in a week? Stanfords 25. (PS of Ouch is needed.)
Bonus Mavis is 5 years older than her brother. Five years 190% ago she was 2 times older than her brother. How old is each now?
Chapter 5
7.5 + 15y = 8.5 $7.5 + 15y = 8.5$ -7.5 $15y = 1$ $x = 3 = 3$ $y = 6.3 cups at 90%$ $x = 3 = 40%$ $x = 3 = 40%$ $x = 3 = 40%$