

Chapters 1-4 Answers (continued)

Chapter 4

Practice (regular) 4-1

1. 29 2. 39 3. 4 4. 14 5. 34 6. 56 7. 11 8. 28 9. 112
 10. $2n + 3$ 11. 16 more than n 12. 3.2 times n
 13. 25 is less than 14. n divided by 24 15. 45 divided by n
 16. 15.4 is less than 17. $m + 12$ 18. $6f$ 19. $a - 29$
 20. $\frac{a}{2}$ 21a. 5mi 21b. \$26.25

Guided Problem Solving 4-1

1. Write an algebraic expression for the approximate number of names in p pages of the directory. 2. a mathematical phrase with at least one variable. 3. the number of pages in the directory
 4. 11 names 5. 110 names 6. 440 names 7. 440 names
 8. 440 names 9. 440 names 10. 440, 880, 1,320, yes
 11. $49p$

Practice (adapted) 4-1

1. 29 2. 30 3. 4 4. 14 5. 34 6. 56 7. $2n + 3$ 8. 16 more than n 9. 3.2 times n 10. n divided by 24 11. n divided by 45
 12. $m + 12$ 13. $6f$ 14. 5mi 15. \$26.25

Practice (adapted) 4-2

1. 30 2. 99 3. $i = 5$ 4. $w = 8$ 5. $p = 7$ 6. $a = 13$ 7. $b = 24$
 8. $g = 128$ 9. $y = 39$ 10. $d = 16$ 11. $w = 25$ 12. 280
 = 320; about 300 cases 13. \$25,800 = \$227.70; about 100 yards
 of fabric 14. $1.79x = \$11.65$ 15. balloons

Reteaching 4-2

1. $i = 6$ 2. $p = 8$ 3. $h = 21$ 4. $g = 25$ 5. $y = 22$ 6. 4
 7. $d = 14$ 8. $u = 25$ 9. $w = 41$ 10. $q = 44$ 11. 9
 12. $r = 9$

Enrichment 4-2

- 1a. $w = 2.4$
 1b. $r = 4.5$
 1c. $r = 10.5$
 1d. $m = 10$
 1e. $y = 8.4$
 1f. $r = 10.2$
 1g. $q = 12.1$
 1h. $c = 8.3$



- 2a. $r = 4$
 2b. $d = 6$



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Shirley King Evans



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