

CHAPTER 3

Extra Practice

Skills

- **Lesson 3-1** Write the next three terms and write a rule for each pattern.

1. 1, 4, 16, 64, ... 2. 2, 6, 18, 54, ... 3. 7, 11, 15, 19, ... 4. 80, 74, 68, 62, ...

- **Lesson 3-2** Evaluate each expression for $n = 9$.

5. $n - 7$ 6. $3n - 5$ 7. $22 - 2n$ 8. $4n \div 6$

- **Lesson 3-3** Write an expression for each word phrase.

9. 1 less than b 10. p times 2 11. 4 more than b 12. n divided by 2

- **Lesson 3-4** Use mental math to solve each problem.

13. $x + 6 = 8$ 14. $5x = 40$ 15. $36 = 36 - x$ 16. $x + 2 = 8.3$

Use mental math to solve each equation.

17. $20 = y + 1$ 18. $t - 10 = 24$ 19. $a \div 3 = 3$ 20. $178 = 10b$

- **Lessons 3-5 and 3-6** Solve each equation. Then check the solution.

21. $b + 4 = 7.7$ 22. $c + 3.5 = 7.5$ 23. $n - 1.7 = 8$ 24. $8.4 = s - 0.2$

- **Lesson 3-7** Solve each equation.

25. $15t = 600$ 26. $62 = 2b$ 27. $x \div 5 = 2.5$ 28. $a \div 0.05 = 140$

- **Lesson 3-8** Use the Distributive Property to simplify each expression.


29. 7×78 30. 3×19 31. 6×66 32. 4×47

Word Problems

- **Lesson 3-1**

33. **Trains** The schedule shows the departure times for the Red and Blue Trains. Predict the remaining departure times before 6 P.M. for each train.

Departures



Red Train	Blue Train
12:51 P.M.	12:17 P.M.
1:51 P.M.	1:02 P.M.
2:51 P.M.	1:47 P.M.
3:51 P.M.	2:32 P.M.