

## Answers for Lesson 1-1, pp. 7–8 Exercises

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1. Answers may vary. Sample: An algebraic expression may use variables. A numerical expression does not.
2. 48
3. C
4. B
5. A
6.  $q - 13$
7.  $7w$
8.  $60 \div f$  or  $\frac{60}{f}$
9. 3, 5, 8
10. 63, 81, 99
11. 7, 15, 23
12. 8
13. 3
14. 72
15.  $60 + 12h$ ; \$132
16. 1,350 ft; 1,050 ft; 750 ft
17. a.  $5 + 2r$   
b. 5 rides
18.  $35p + 105n$
19.  $37b + 205$
20. 9.3
21. 46.82
22. 1.4
23. Answers may vary. Sample: I would choose Supreme Taxi if I knew I would be going 2 mi or less, because Supreme is cheaper for less than 3 mi. For any trips 3 mi or over, Town Taxi is cheaper.
24. Answers may vary. Sample: You have a pencils, and you buy 3 more.
25. B
26. C
27. A
28.  $3n + d$
29. D
30. F
31. 18.89
32. 3.85
33. 8.101