

## Lessons 1.1 and 1.2 Homework Answers

Lesson 1.1: p.7/#27-35, 60

- 25.** \$8.50/h      **26.** 40 km/h  
**27.** \$36.25      **28.** \$7.50  
**29.** 195 mi      **30.** 3.5 h  
**31.**  $116\frac{2}{3}$  yd      **32.** 15,000 mm  
**33.** 2200 g      **34.** 300 min  
**35.** 1.75 gal
- 60. a.** 240,000 lb; 0.004375 lb  
**b.** about 54,857,143 times  
**c.** *Sample answer:* You could convert the weights to ounces and then compare them.

Lesson 1.2: p.13/#6-13, 19-23, 29-32, 35-40, 45-49, 57, 58

- 6.** 64  
**7.** 49      **8.** -25      **9.** -32  
**10.** -512      **11.** -10,000  
**12.** 9      **13.** -64  
**19.** -100  
**20.** 19      **21.** 75  
**22.** -5      **23.** 6  
**29.**  $11m - 1$   
**30.**  $4n^2 + 10n + 12$   
**31.**  $-5p^2 + 21$   
**32.**  $-2q^2 - 6q - 12$   
**35.**  $10n + 24$ ; 44  
**36.**  $4g + 8h$ ; 52  
**37.** 26      **38.** -65  
**39.** 49      **40.** 19  
**45.**  $2m^2 + n^2 - 8m$   
**46.**  $4p^3 + 3q^2 - q$   
**47.**  $13m^2 - 5$   
**48.**  $12y^2 - 7x - 5$   
**49.**  $-8s + 8t$   
**57.** 0, 10, 20, 30; \$1.89, \$3.20, \$4.51, \$5.82  
**58.**  $175m + 96,882$ ; 98,982 mi