

**LESSON**  
**2.3**
**Practice C**
*For use with pages 80–85*
**Find the difference.**

- |                                  |  |  |
|----------------------------------|--|--|
| 1. $24.5 - (-16)$                | 2. $17.6 - (-3.5)$                             | 3. $20.8 - (-35.2)$                            |
| 4. $-9.6 - (-14.8)$              | 5. $-8.5 - (-10.2)$                            | 6. $-4.1 - (-3.65)$                            |
| 7. $4.25 - (-6.8)$               | 8. $-7.25 - (-2.8)$                            | 9. $7.28 - (-3.69)$                            |
| 10. $\frac{3}{8} - \frac{7}{16}$ | 11. $-\frac{2}{3} - \left(-\frac{3}{5}\right)$ | 12. $-\frac{5}{6} - \left(-\frac{7}{8}\right)$ |

**Evaluate the expression when  $x = -8.25$  and  $y = 6.9$ .**

- |                       |                        |                        |
|-----------------------|------------------------|------------------------|
| 13. $x - y + 6.1$     | 14. $y - (-x) + 7.5$   | 15. $x - (-y) + 4.2$   |
| 16. $8.25 - (-x) + y$ | 17. $y - 3.2 + x$      | 18. $7.25 - y + x$     |
| 19. $7.9 - y + x$     | 20. $-x + 7.8 - y$     | 21. $-y + 2.25 - (-x)$ |
| 22. $-6.3 + x - (-y)$ | 23. $ -x  + 14.25 - y$ | 24. $ x  - 8.79 - y$   |

**Find the change in temperature or elevation.**

25. From  $6.2^\circ\text{F}$  to  $-13.8^\circ\text{F}$                       26. From  $-8.37$  meters to  $-2.2$  meters
27. **Florist** A florist wants to order roses more accurately from a wholesaler. The florist keeps a record of the total number of roses sold in a week. Determine the change in the number of roses each week. Find the total of these changes to determine the total change in the number of roses over the 4 weeks.

Week	1	2	3	4
Number of roses sold (dozen)	45	32	38	34

28. **Ocean Creatures** The maximum depths at which some deep-sea creatures can be found are shown in the table. Which two creatures have the largest difference between their maximum depths? What is the difference? Which two creatures have the smallest difference between their maximum depths? What is the difference? *Explain* your reasoning.

Creature	Chambered Nautilus	Deep Sea Angler	Deep Sea Dragonfish	Deep Sea Hatchetfish	Giant Squid
Maximum depth (ft)	-1800	-3000	-5000	-3400	-10,000

29. **Challenge** Use integers to write an example that satisfies the given conditions. If it is not possible, explain why.
- |                                   |                                   |
|-----------------------------------|-----------------------------------|
| a. positive - negative = negative | b. negative - negative = positive |
| c. negative - positive = positive | d. positive - positive = negative |