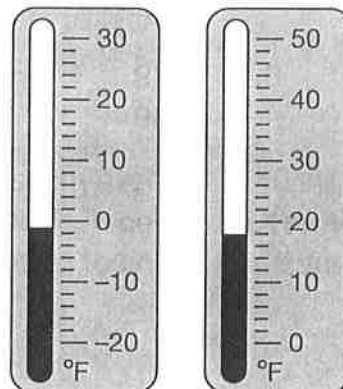


- c. These thermometers show the average daily minimum and maximum temperatures in Duluth, Minnesota, during the month of January. What are those temperatures? What is the difference between the two temperatures shown?



- d. Using the temperatures from problem c, find the difference between the average daily minimum temperature and the average daily maximum temperature in Duluth during January.

## Written Practice

*Distributed and Integrated*

**Formulate** Write and solve equations for problems 1 and 2.

- \*1. <sup>(11, 14)</sup> Tomas ran to the fence and back in 58 seconds. If it took Tomas 21 seconds to run to the fence, how many seconds did it take him to run back from the fence?
- \*2. <sup>(1, 13)</sup> Two hundred ninety-seven boys and three hundred fifteen girls attend Madison School. How many children attend Madison School?
- \*3. <sup>(6)</sup> **Connect** Use the numbers 8, 17, and 9 to write two addition facts and two subtraction facts.
- \*4. <sup>(4)</sup> The tens digit is 4. The ones digit is 9. The number is between 200 and 300. What is the number?
- \*5. <sup>(3, 5)</sup> **Predict** What is the eighth number in the following counting sequence? Describe the pattern you observe.

4, 8, 12, 16, ...

- \*6. **Represent** To what number is the arrow pointing?  
(Inv. 1)



$$\begin{array}{r} 7. \quad \$392 \\ (13) \quad + \$278 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \$439 \\ (13) \quad + \$339 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 774 \\ (13) \quad + 174 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 389 \\ (13) \quad + 398 \\ \hline \end{array}$$

$$\begin{array}{r} *11. \quad 13 \\ (17) \quad 25 \\ \quad 46 \\ \quad 25 \\ \quad + 29 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 18 \\ (16) \quad - a \\ \hline 12 \end{array}$$

$$\begin{array}{r} 13. \quad 8 \\ (1) \quad + b \\ \hline 16 \end{array}$$

$$\begin{array}{r} 14. \quad c \\ (12) \quad - 5 \\ \hline 3 \end{array}$$

$$\begin{array}{r} *15. \quad 62 \\ (15) \quad - 48 \\ \hline \end{array}$$

$$\begin{array}{r} *16. \quad 82 \\ (15) \quad - 58 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 28 \\ (17) \quad 36 \\ \quad 57 \\ \quad + 47 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 35 \\ (16) \quad - y \\ \hline 14 \end{array}$$

$$\begin{array}{r} 19. \quad 45 \\ (14) \quad + p \\ \hline 55 \end{array}$$

$$\begin{array}{r} *20. \quad 75 \\ (16) \quad - l \\ \hline 42 \end{array}$$

$$\begin{array}{r} *21. \quad c \\ (16) \quad - 47 \\ \hline 31 \end{array}$$

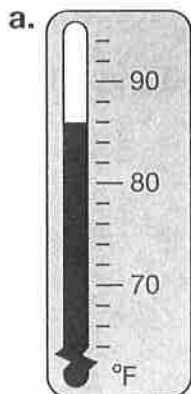
$$\begin{array}{r} 22. \quad e \\ (14) \quad + 15 \\ \hline 37 \end{array}$$

- \*23. **Represent** Write 498 in expanded form.  
(16)

24. Compare:  
(Inv. 1) a.  $423 \bigcirc 432$

b.  $3 \bigcirc -3$

- \*25. These thermometers show the highest Fahrenheit temperature and the lowest Celsius temperature recorded at a school last year. What were those temperatures?  
(18)



\*26. **Multiple Choice** Which of these numbers is an odd number that is greater than 750?

A 846

B 864

C 903

D 309

27. Write these numbers in order from greatest to least:

166 48 207 81

\*28. **Formulate** Lexington, Kentucky, receives an average of 46 inches of precipitation each year. Huron, South Dakota, receives an average of 25 fewer inches. Write and solve an equation to find the average amount of precipitation Huron receives each year.

29. Write a subtraction number sentence using the numbers 15 and 10.

\*30. How many odd numbers are greater than 1 and less than 20?

### Early Finishers

Real-World Connection

If the Celsius temperature is known, we can estimate the Fahrenheit temperature by doubling the Celsius temperature and adding 30.

- Using this method, estimate the Fahrenheit temperature at which water freezes, if we know that water freezes at  $0^{\circ}\text{C}$ . Explain how you know your estimate is reasonable.
- The average temperature in Austin, Texas, for the month of November is  $20^{\circ}\text{C}$ . Explain how you can find the estimated average Fahrenheit temperature in Austin, Texas, for that same month. Then use the method to find the estimated Fahrenheit temperature.