

Write and solve equations for problems 1 and 2.

*1. **Formulate** On the first day, Shaquana read fifty-one pages. She read ⁽¹¹⁾ some more pages on the second day. She read seventy-six pages in all. How many pages did she read on the second day?

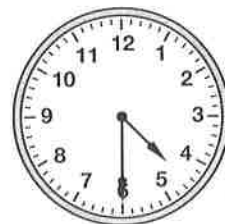
*2. ^(11, 14) Twelve of the twenty-seven children in Room 9 are boys. How many girls are in Room 9?

*3. ⁽⁶⁾ If $a + b = 9$, then what is the other addition fact for a , b , and 9? What are the two subtraction facts for a , b , and 9?

*4. **Represent** ^(7, 16) Write 905 in expanded form. Then use words to write the number.

*5. ^(Inv. 1) Use digits and symbols to write this comparison: "One hundred twenty is greater than one hundred twelve."

*6. ⁽¹⁹⁾ After school on Wednesday, Jana began her homework at the time shown on the clock. She finished her homework at 5:20 p.m. How much time did it take Jana to finish her homework?



*7. ⁽¹⁸⁾ Water freezes at 32° on the Fahrenheit scale. At what temperature on the Celsius scale does water freeze?

$$\begin{array}{r} 8. \quad \$468 \\ \text{(13)} \quad + \$293 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 468 \\ \text{(13)} \quad + 185 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad \$187 \\ \text{(13)} \quad + \$698 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 14 \\ \text{(12)} \quad - a \\ \hline 7 \end{array}$$

$$\begin{array}{r} 12. \quad 8 \\ \text{(1)} \quad + b \\ \hline 16 \end{array}$$

$$\begin{array}{r} 13. \quad c \\ \text{(12)} \quad - 8 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 14. \quad 14 \\ \text{(12)} \quad - d \\ \hline 9 \end{array}$$

$$\begin{array}{r} *15. \quad 74 \\ \text{(15)} \quad - 58 \\ \hline \end{array}$$

$$\begin{array}{r} *16. \quad \$44 \\ \text{(15)} \quad - \$28 \\ \hline \end{array}$$

$$\begin{array}{r} *17. \quad 23 \\ \text{(15)} \quad - 18 \\ \hline \end{array}$$

$$\begin{array}{r} *18. \quad \$62 \\ \text{(15)} \quad - \$43 \\ \hline \end{array}$$

$$\begin{array}{r} *19. \quad 25 \\ \quad \quad 28 \\ \quad \quad 46 \\ + 88 \\ \hline \end{array}$$

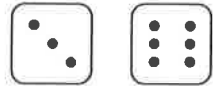
$$\begin{array}{r} 20. \quad 45 \\ \quad \quad - p \\ \hline \quad \quad 21 \end{array}$$

$$\begin{array}{r} 21. \quad 13 \\ \quad \quad + b \\ \hline \quad \quad 37 \end{array}$$

$$\begin{array}{r} *22. \quad f \\ \quad \quad - 45 \\ \hline \quad \quad 32 \end{array}$$

23. Four dollars equals how many quarters? Count by fours.
(3)

*24. **Connect** Write a number sentence for this picture:
(1)



*25. **Conclude** Write the next three numbers in each counting sequence and explain the patterns you see.
(3, Inv. 1)

a. ..., 8, 16, 24, _____, _____, _____, ...

b. ..., 8, 6, 4, _____, _____, _____, ...

*26. **Multiple Choice** If $9 - \Delta = 4$, then which of these is *not* true?
(7)

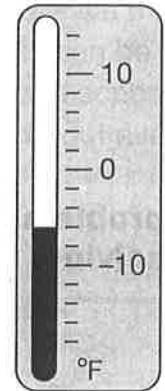
A $9 - 4 = \Delta$

B $\Delta - 4 = 9$

C $4 + \Delta = 9$

D $\Delta + 4 = 9$

*27. The thermometer shows the low temperature on a cold winter day in Fargo, North Dakota. What was the low temperature that day?
(18)



*28. **Represent** Write the expanded form of 709.
(16)

29. How many different arrangements of three letters can you write using the letters e, i, and o? The different arrangements you write do not need to form words.
(3)

30. The numbers of goals three hockey players scored during their professional careers are shown in the table:
(7)

Career Goals Scored

Player	Number of Goals
Phil Esposito	717
Wayne Gretzky	894
Marcel Dionne	731

Write the number of goals scored from least to greatest.