

Lesson Practice

Find each missing number. Check your answers.

$$\begin{array}{r} \text{a. } 14 \\ - n \\ \hline 6 \end{array}$$

$$\begin{array}{r} \text{b. } n \\ - 5 \\ \hline 2 \end{array}$$

$$\begin{array}{r} \text{c. } 9 \\ - n \\ \hline 2 \end{array}$$

$$\begin{array}{r} \text{d. } n \\ - 7 \\ \hline 5 \end{array}$$

Written Practice*Distributed and Integrated***Formulate**

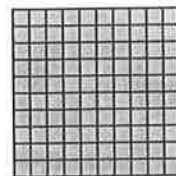
Write and solve equations for problems 1–3.

- *1. ⁽¹¹⁾ Laura found nine acorns in the park. Then she found some more acorns in her backyard. If Laura found seventeen acorns in all, how many acorns did she find in the backyard?

- *2. ^(1, 9) Caterpillars change into butterflies every day at the butterfly center. In one week 35 caterpillars changed into butterflies. The next week 27 more caterpillars changed into butterflies. Altogether, how many caterpillars changed to butterflies?

- *3. ⁽¹¹⁾ Demetrius used a 12-inch ruler to stir the paint in the can. When he removed the ruler, 5 inches of it were not coated with paint. How many inches of the ruler were coated with paint?

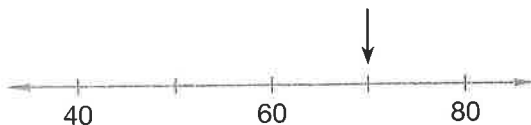
- *4. ⁽⁷⁾ **Represent** Use words and digits to write the number shown by this model:



- *5. ⁽⁵⁾ Nathan's little sister was born on the seventh day of June in 2002. Write her birth date in month/day/year form.

- *6. ⁽⁴⁾ Write a three-digit odd number less than 500 using the digits 9, 4, and 6. Which digit is in the tens place?

- *7. ^(Inv. 1) **Connect** To what number is the arrow pointing?



$$\begin{array}{r} 8. \quad 5 \\ (2) \quad n \\ + 6 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 9. \quad a \\ (2) \quad 2 \\ + 5 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 10. \quad 7 \\ (2) \quad 2 \\ + n \\ \hline 15 \end{array}$$

$$\begin{array}{r} 11. \quad 4 \\ (2) \quad a \\ + 2 \\ \hline 15 \end{array}$$

$$\begin{array}{r} *12. \quad n \\ (12) \quad - 6 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 13. \quad 16 \\ (6) \quad - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 14 \\ (6) \quad - 7 \\ \hline \end{array}$$

$$\begin{array}{r} *15. \quad 12 \\ (12) \quad - a \\ \hline 7 \end{array}$$

$$\begin{array}{r} *16. \quad b \\ (12) \quad - 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} *17. \quad 13 \\ (12) \quad - c \\ \hline 8 \end{array}$$

$$\begin{array}{r} *18. \quad \$48 \\ (9) \quad + \$16 \\ \hline \end{array}$$


$$\begin{array}{r} 19. \quad \$37 \\ (9) \quad + \$14 \\ \hline \end{array}$$

Conclude Write the next three numbers in each counting sequence:

*20. ..., 28, 35, 42, _____, _____, _____, ...
(3)

*21. ..., 18, 21, 24, _____, _____, _____, ...
(3)

22. How many cents is nine nickels? Count by fives.
(3)

*23.  **Explain** Write the following comparison using words and explain why the comparison is correct.
(Inv. 1)

$$-3 > -5$$

*24. Arrange these numbers from least to greatest: 0, -2, 4
(Inv. 1)

25. $7 + 3 + 8 + 5 + 4 + 3 + 2$
(1)

*26. **Multiple Choice** "Five subtracted from n " can be written as which of the following?
(6)

A $5 - n$

B $n - 5$

C $5 + n$

D $n + 5$

*27. How many different three-digit numbers can you write using the digits 4, 2, and 0? Each digit may be used only once, and the digit 0 may not be used in the hundreds place.
(10)

*28. Compare. Write $>$, $<$, or $=$.
(Inv. 1)

a. $310 \bigcirc 295$

b. $56 \bigcirc 63$


c. $104 \bigcirc 89$

29. The table shows the typical weight of three animals.
(7)

Write the names of the animals in order from greatest weight to the least weight.

Typical Weight of Animals

Animal	Weight (pounds)
Fox	14
Badger	17
Otter	13

30.  **Formulate** Write and solve an addition word problem. Then explain why your answer is reasonable.
(1)

Early Finishers

Real-World Connection

Brianna earned \$15 walking her neighbor's dog in the afternoons. She used part of the money she earned to buy a CD. After buying the CD, Brianna has \$6 left. Write and solve an equation to find how much Brianna paid for the CD.

With the money she has left, Brianna wants to purchase a book that costs \$10. Write and solve an equation to find how much Brianna needs. Explain how you found your answer.