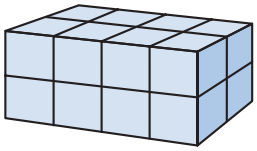
e. How many blocks were used to build this figure? Give a multiplication problem that provides the answer.



Find each missing factor:

f. $5m = 30$

g. $3b = 21$

h. $3 \times 4 = n \times 2$

i.
$$\begin{array}{r} p \\ \times\ 4 \\ \hline 24 \end{array}$$

j.
$$\begin{array}{r} 9 \\ \times\ q \\ \hline 81 \end{array}$$

k.
$$\begin{array}{r} w \\ \times\ 9 \\ \hline 0 \end{array}$$

Written Practice

Distributed and Integrated

1. (12) **Represent** Draw a horizontal line and a vertical line. Then write the words *horizontal* and *vertical* to label each line.

Formulate Formulate For problems **2–4,** write an equation and find the answer.

***2.** (16) Once Reggie started exercising regularly, his resting heart rate dropped from 86 beats per minute to 68 beats per minute. By how many beats per minute did Reggie's resting heart rate drop?

***3.** (11) In one class there are 33 students. Fourteen of the students are boys. How many girls are in the class?

4. (11) In another class there are 17 boys and 14 girls. How many students are in the class?

For problems **5–8,** find each product mentally. Then check using pencil and paper.

***5.** (18) $6 \times 4 \times 5$

***6.** (18) $5 \times 6 \times 12$

***7.** (18) $5 \times 10 \times 6$

***8.** (18) $9 \times 7 \times 10$

9. (17) $\begin{array}{r} \$407 \\ \times \quad 8 \\ \hline \end{array}$

10. (17) $\begin{array}{r} 375 \\ \times \quad 6 \\ \hline \end{array}$

11. (17) $\begin{array}{r} \$4.86 \\ \times \quad 9 \\ \hline \end{array}$

12. (17) $\begin{array}{r} 308 \\ \times \quad 7 \\ \hline \end{array}$

13. (18) $9g = 36$

14. (17) $\begin{array}{r} \$573 \\ \times \quad 9 \\ \hline \end{array}$

15. (18) $8h = 48$

16. (17) $\begin{array}{r} \$7.68 \\ \times \quad 4 \\ \hline \end{array}$

17. (10) $456 + 78 + f = 904$

18. (6) $34 + 75 + 123 + 9$

19. (13) $\$36.70 - \$7.93$

20. (14) $h - 354 = 46$

21. (1) What is the eleventh term in this counting sequence?

9, 18, 27, 36, …

***22.** (2, 15) **Verify** Think of a one-digit odd number and a one-digit even number. Multiply them. Is the product odd or even? Explain how you know.

23. (18) Find the missing factor:

$$6 \times 4 = 8 \times n$$

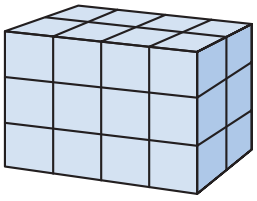
***24.** (4, 15) **Represent** Use digits and symbols to write this comparison:

Eight times eight is greater than nine times seven.

25. (8) **Connect** For the fact family 7, 8, and 15, write two addition facts and two subtraction facts.

26. (13) Write a multiplication fact that shows the number of squares in this rectangle.

***27.** (18) Write a three-factor multiplication fact that shows the number of blocks in this figure.



28. (1, 12) **Conclude** What are the next three integers in this counting sequence?

8, 6, 4, 2, . . .

***29.** (2) **Analyze** Taydren and his friend each purchased a bookcase. The friend's bookcase is half the height of Taydren's bookcase. If his friend's bookcase is 3 feet tall, how tall is Taydren's bookcase?

***30.** (13, 17) Masoud bought four folders for $0.37 each. Altogether, how much money did the folders cost?

Real-World Connection

A card store needs to order 120 note cards. The cards come packaged in groups of 10. Then packages are placed in boxes and shipped. Show three different ways the 120 cards can be shipped.

____ boxes × ____ packages × 10 cards = 120 cards