There are no dollars to multiply, so we write the 1 in the dollars place below the line. Finally, we insert the decimal point two places from the right-hand end and write the dollar sign.

$$
\begin{array}{r}
{\scriptstyle 1\ 3} \\
\$0.25 \\
\times \quad\quad 6 \\
\hline
\$1.50
\end{array}
$$

Six pens cost **$1.50.**

**Discuss** Why do we place the decimal point two places from the right?

## Lesson Practice

Find each product:

**a.** $36 × 5

**b.** 50 × 8

**c.** 7 × $0.43

**d.**  340
 × 8

**e.**  $7.68
 × 4

**f.**  560
 × 6

**g.**  $394
 × 7

**h.**  607
 × 9

**i.**  $9.68
 × 3

**j.** Each morning class at Lakeview School is 45 minutes long. There are 4 classes every morning. How many minutes do Lakeview School students attend classes each morning? Show how to find the number of minutes by adding and by multiplying.

**k.** Devon bought three bottles of milk for $2.14 each. Altogether, how much did the milk cost? Find the answer by multiplying.

**l.** Nathan had five quarters in his pocket. Write and solve a multiplication equation that shows the value of the quarters in Nathan's pocket.

## Written Practice

*Distributed and Integrated*

**\*1.** **Represent** Draw a vertical line segment.
(12)

**2.** Cedric read 3 books. Each book had 120 pages. How many pages did Cedric read? Find the answer once by adding and again by multiplying.
(17)

**Formulate** For problems **3** and **4,** write an equation and find the answer.

**\*3.** The spider spun its web for 6 hours the first night and for some more
(11) hours the second night. If the spider spent a total of 14 hours spinning
its web those two nights, how many hours did the spider spin the
second night?

**\*4.** After buying a notebook for $1.45, Carmela had $2.65. How much
(16) money did Carmela have before she bought the notebook?

**5.**       24
(17)   $\times\ \ 3$

**6.**    $36
(17)   $\times\ \ \ 4$

**7.**       45
(17)   $\times\ \ 5$

**8.**    $56
(17)   $\times\ \ \ 6$

**9.**   $3.25
(17)   $\times\ \ \ \ 6$

**10.**      432
(17)   $\times\ \ \ 9$

**11.**   $2.46
(17)   $\times\ \ \ \ 7$

**12.**      364
(17)   $\times\ \ \ 8$

**13.**          $c$
(10)   $+\ 147$
         316

**14.**    $4.20
(13)   $-\ $3.75$

**15.**      604
(14)   $-\ \ \ \ w$
         406

**16.**          $m$
(14)   $-\ 73$
         800

**17.** $3 + n + 15 + 9 = 60$
(10)

**18.** $90 + $6.75 + $7.98 + $0.02
(13)

**\*19.** **Connect** Doreen bought five pens for $0.24 each. Altogether, how
(13, 17)   much did the pens cost? Find the answer to the problem by changing
this addition problem into a multiplication problem:

$$\$0.24 + \$0.24 + \$0.24 + \$0.24 + \$0.24$$

**20.** Find the product: $26 \times 7$
(17)

**21.** Think of two one-digit even numbers. Multiply them. Is the product
(2, 15)   odd or even?

**\*22.** Compare: $12 \times 1 \bigcirc 24 \times 0$
(4, 15)

**23.** **Represent** Use digits and a comparison symbol to write this
(7)  comparison:

> *Five hundred four thousand is less than five hundred fourteen
> thousand.*

**24.** **Connect** What number is missing in this counting sequence?
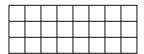(1)

$$\ldots, 21, 28, 35, \underline{\hspace{1cm}}, 49, 56, \ldots$$

**25.** Which digit in 375 shows the number of hundreds?
(3)

**26.** **Represent** What number is 10 more than these tally marks?
(12)

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*** 27.** **Predict** Is the 100th term of this counting sequence odd or even?
(1, 2)  Explain how you know.

$$1, 3, 5, 7, \ldots$$

**28.** Write a multiplication problem that shows how to find the
(13)  number of small squares in this rectangle.

**29.** **Connect** Use the Commutative Property to change
(15)  the order of factors. Then multiply. Show your work.

$$\begin{array}{r} 5 \\ \times\,24 \\ \hline \end{array}$$

*** 30.** **Multiple Choice** Tika's math class began 18 minutes ago. The class
(Inv. 1)  will end in 37 minutes. Which equation can be used to find the length
  in minutes of Tika's math class?

**A** $18 + m = 37$        **B** $m - 37 = 18$

**C** $37 - m = 18$        **D** $18 - m = 37$

**Early Finishers**

*Real-World Connection*

Andres decided to add more fish to his aquarium. He bought 3 tetras
that cost $1.89 each and 4 mollies that cost $2.75 each. Find the total
cost of the fish that Andres added to his aquarium. Then show two
different ways that the total cost can be found and use both methods
to find the total. Compare the answers to see if they are the same.