





Additional Practice 3-3 Multiply by 1-Digit Numbers

Another Look!



The steps below show one way to multiply 3-digit numbers by 1-digit numbers.

Step 1

Multiply the ones. Regroup if necessary.

$$\begin{array}{r}
154 \\
\times 4 \\
\hline
6
\end{array}$$

Step 2

Multiply the tens. Add any extra tens. Regroup if necessary.

$$\begin{array}{r}
 \begin{array}{r}
 2 & 1 \\
 154 \\
 \times & 4 \\
 \end{array}$$

Step 3

Multiply the hundreds. Add any extra hundreds.

$$\begin{array}{r}
 ^{2 \, 1} \\
 154 \\
 \times 4 \\
 \hline
 616
 \end{array}$$

Remember to

regroup if necessary.

For **1–16**, find each product.



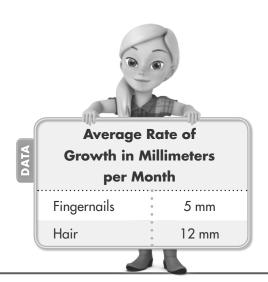






For 17–18, use the table at the right.

- **17.** What is the average length fingernails will grow in 12 months?
- **18.** How much longer will hair grow than fingernails in 6 months?



- **19.** Derek rides in 3 motorcycle races. Each race is 150 miles. How many miles does Derek ride?
- **20.** Walt averages 98 miles per hour in 4 races. If each race is 95 miles in length, how many miles did Walt drive in the races?
- **21.** The Puerto Rico Trench has a depth of 30,246 feet. Write the numbers that are 10,000 less than and 10,000 greater than this number.
- **22.** Which place value would you look at to compare 225,998 and 225,988?

- **23. Critique Reasoning** Martin multiplied 423 by 7 and said the product is 2,841. Do Martin's calculations make sense? Explain.
- **24. Higher Order Thinking** Tyrone has 6 times as many marbles as Pam. Pam has 34 marbles. Louis has 202 marbles. Who has more marbles, Tyrone or Louis? Explain.



25. Find the product.

	651
×	7

26. Find the product.

6