

## 6. 4 Multiplying 3- and 4-Digit by 1-Digit Numbers

The steps below show how to multiply greater numbers.

	Example A	Example B
<b>Step 1</b> Multiply the ones. Regroup if necessary.	$\begin{array}{r} 1 \\ 154 \\ \times 4 \\ \hline 6 \end{array}$	$\begin{array}{r} 2 \\ 1,214 \\ \times 7 \\ \hline 8 \end{array}$
<b>Step 2</b> Multiply the tens. Add any extra tens. Regroup if necessary.	$\begin{array}{r} 21 \\ 154 \\ \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} 2 \\ 1,214 \\ \times 7 \\ \hline 98 \end{array}$
<b>Step 3</b> Multiply the hundreds. Add any extra hundreds.	$\begin{array}{r} 21 \\ 154 \\ \times 4 \\ \hline 616 \end{array}$	$\begin{array}{r} 12 \\ 1,214 \\ \times 7 \\ \hline 498 \end{array}$
<b>Step 4</b> Multiply the thousands. Add any extra thousands.		$\begin{array}{r} 12 \\ 1,214 \\ \times 7 \\ \hline 8,498 \end{array}$

Find each product.

1. 
$$\begin{array}{r} 352 \\ \times 3 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 2,768 \\ \times 7 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 482 \\ \times 8 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 4,219 \\ \times 6 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 385 \\ \times 4 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 632 \\ \times 5 \\ \hline \end{array}$$

For 11 and 12, use the table at the right.

11. If Player A scores the same number of runs each season, how many runs will he score in 5 seasons?

\_\_\_\_\_ runs

12. If Player C scores the same number of runs each season, how many runs will he score in 8 seasons?

\_\_\_\_\_ runs

**Runs Scored in 2010**

Player	Runs Scored
A	128
B	113
C	142