

**Part 6** Multiplying by Tens

1. Solve the following problems.

A.  $6 \times 70 = \underline{\hspace{2cm}}$

B.  $8 \times 400 = \underline{\hspace{2cm}}$

C.  $800 \times 6 = \underline{\hspace{2cm}}$

D.  $7000 \times 4 = \underline{\hspace{2cm}}$

E.  $800 \times 80 = \underline{\hspace{2cm}}$

F.  $60 \times 40 = \underline{\hspace{2cm}}$

2. Find what  $n$  must be to make each number sentence true.

A.  $60 \times n = 360$

B.  $n \times 5 = 350$

C.  $n \times 900 = 5400$

**Part 7** More Multiplication1. Solve the following problems using paper and pencil or mental math. Use the *Multiplication Strategies Menu* in the *Student Guide Reference* section.

A. 
$$\begin{array}{r} 14 \\ \times 7 \\ \hline \end{array}$$

B. 
$$\begin{array}{r} 700 \\ \times 40 \\ \hline \end{array}$$

C. 
$$\begin{array}{r} 42 \\ \times 3 \\ \hline \end{array}$$

D. 
$$\begin{array}{r} 35 \\ \times 8 \\ \hline \end{array}$$

E. 
$$\begin{array}{r} 48 \\ \times 6 \\ \hline \end{array}$$

F. 
$$\begin{array}{r} 600 \\ \times 300 \\ \hline \end{array}$$

2. Use convenient numbers to estimate the following products.

A.  $50 \times 61 =$

B.  $89 \times 40 =$

C.  $397 \times 30 =$

D.  $78 \times 32 =$

E.  $186 \times 63 =$

F.  $621 \times 88 =$

**Part 8** Using Estimation

Use the information in the table to estimate the answers to the questions below. Record your work on a separate sheet of paper.

Ballpark Attendance at Games in 2011

Baseball Team	Number of Attendance	Baseball Team	Number of Attendance
Arizona Diamondbacks	2,128,765	Minnesota Twins	2,416,237
Atlanta Braves	2,373,631	New York Yankees	3,719,358
Baltimore Orioles	1,907,163	Philadelphia Phillies	3,600,693
Chicago Cubs	3,168,859	Pittsburgh Pirates	1,577,853
Chicago White Sox	2,284,163	Seattle Mariners	2,195,533

- List the five teams with the greatest attendance. Order the teams and their attendance from largest to smallest.
- About how many more people attended New York Yankees games than Pittsburgh Pirates games?
- About how many more people attended Philadelphia Phillies games than Chicago Cubs games?
- Which team has about double the attendance of the Pittsburgh Pirates?
- About how many more people attended Minnesota Twins games than Arizona Diamondbacks games?
- About how many fans enjoyed baseball in these ten ballparks?
- Estimate these products. Then find an exact answer using paper and pencil or mental math. Use the *Multiplication Strategies Menu* in the *Student Guide Reference* section.
 

<b>A.</b> $\begin{array}{r} 53 \\ \times 4 \end{array}$	<b>B.</b> $\begin{array}{r} 38 \\ \times 2 \end{array}$	<b>C.</b> $\begin{array}{r} 77 \\ \times 3 \end{array}$	<b>D.</b> $\begin{array}{r} 65 \\ \times 5 \end{array}$
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