

Write the correct answer.

For 1–2, write the missing values to complete the multiplication problems.

$$\begin{array}{r} \textcircled{1} \\ \times \quad \begin{array}{|c|} \hline 8 \\ \hline 7 \\ \hline \end{array} \\ \hline 56 \end{array}$$

$$\begin{array}{r} \textcircled{2} \\ \times \quad \begin{array}{|c|} \hline 8 \\ \hline 8 \\ \hline \end{array} \\ \hline 64 \end{array}$$

- $\textcircled{3}$ Complete the multiplication so that the product is the same as this one.

$$8 \times 400$$

$$80 \times \underline{40}$$

- $\textcircled{4}$ Write the multiplication expression, all partial products, and final product shown by the diagram.

×	40	3
20		
7		

Expression: $\underline{43 \times 27}$

Partial products: $\underline{800, 280, 60, 21}$

Product: $\underline{1,161}$

- $\textcircled{5}$ Write the partial product that is missing from the multiplication.

$$\begin{array}{r} 65 \\ \times 18 \\ \hline 40 \\ 480 \\ 50 \\ \boxed{600} \\ \hline 1,170 \end{array}$$

- $\textcircled{6}$ Find the product.

$$\begin{array}{r} \times \quad \begin{array}{|c|} \hline 84 \\ \hline 39 \\ \hline \end{array} \\ \hline 3,276 \end{array}$$

- 7 Write the list of partial products and the final product.

$$\begin{array}{r}
 52 \\
 \times 86 \\
 \hline
 300 \\
 4,000 \\
 \hline
 4,472
 \end{array}$$

Order of partial products may vary.

- 8 Find the product.

$$\begin{array}{r}
 73 \\
 \times 80 \\
 \hline
 5,840
 \end{array}$$

- 9 Estimate the product.

$$\begin{array}{r}
 64 \\
 \times 8 \\
 \hline
 480
 \end{array}$$

- 10 Two sections of a school auditorium each have 23 rows. One section has 12 seats in each row. The other section has 14 seats in each row. How many seats are in the two sections?

$$\underline{598; 23 \times (12 + 14) = 598 \text{ or}}$$

$$\underline{(23 \times 12) + (23 \times 14) = 598}$$

- 11 A music company shipped 8 cartons. Each carton contained 14 CDs and 3 DVDs. What was the difference between the total number of CDs and DVDs shipped?

$$\underline{88; 8 \times (14 - 3) = 8 \times 11 = 88}$$

- 12 An amusement park has two classes of rides. *R* rides cost \$4. *T* rides cost \$5. If you spend \$22 on rides, how many of each type do you ride?

$$\underline{3 R \text{ rides, } 2 T \text{ rides}}$$