

Name _____

Multiply Using Expanded Form**COMMON CORE STANDARD—4.NBT.5**
*Use place value understanding and properties of operations to perform multi-digit arithmetic.***Record the product. Use expanded form to help.**

1. $7 \times 14 =$ 98

$$\begin{aligned}
 7 \times 14 &= 7 \times (10 + 4) \\
 &= (7 \times 10) + (7 \times 4) \\
 &= 70 + 28 \\
 &= 98
 \end{aligned}$$

2. $8 \times 43 =$ _____

3. $6 \times 532 =$ _____

4. $5 \times 923 =$ _____

5. $4 \times 2,371 =$ _____

6. $7 \times 1,829 =$ _____

Problem Solving

7. The fourth-grade students at Riverside School are going on a field trip. There are 68 students on each of the 4 buses. How many students are going on the field trip?

8. There are 5,280 feet in one mile. Hannah likes to walk 5 miles each week for exercise. How many feet does Hannah walk each week?

Name _____

Multiply Using Partial Products**COMMON CORE STANDARD—4.NBT.5**
Use place value understanding and properties of operations to perform multi-digit arithmetic.**Estimate. Then record the product.**

1. Estimate: 1,200

$$\begin{array}{r} 243 \\ \times 6 \\ \hline 1,200 \\ 240 \\ + 18 \\ \hline 1,458 \end{array}$$

2. Estimate: _____

$$\begin{array}{r} 640 \\ \times 3 \\ \hline \end{array}$$

3. Estimate: _____

$$\begin{array}{r} \$149 \\ \times 5 \\ \hline \end{array}$$

4. Estimate: _____

$$\begin{array}{r} 721 \\ \times 8 \\ \hline \end{array}$$

5. Estimate: _____

$$\begin{array}{r} 293 \\ \times 4 \\ \hline \end{array}$$

6. Estimate: _____

$$\begin{array}{r} \$416 \\ \times 6 \\ \hline \end{array}$$

7. Estimate: _____

$$\begin{array}{r} 961 \\ \times 2 \\ \hline \end{array}$$

8. Estimate: _____

$$\begin{array}{r} 837 \\ \times 9 \\ \hline \end{array}$$

9. Estimate: _____

$$\begin{array}{r} 652 \\ \times 4 \\ \hline \end{array}$$

10. Estimate: _____

$$\begin{array}{r} 307 \\ \times 3 \\ \hline \end{array}$$

11. Estimate: _____

$$\begin{array}{r} 543 \\ \times 7 \\ \hline \end{array}$$

12. Estimate: _____

$$\begin{array}{r} \$822 \\ \times 5 \\ \hline \end{array}$$

Problem Solving

13. A maze at a county fair is made from 275 bales of hay. The maze at the state fair is made from 4 times as many bales of hay. How many bales of hay are used for the maze at the state fair?

14. Pedro gets 8 hours of sleep each night. How many hours does Pedro sleep in a year with 365 days?
