

Name \_\_\_\_\_

## Multiply Using Partial Products

COMMON CORE STANDARD CC.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?

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

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