

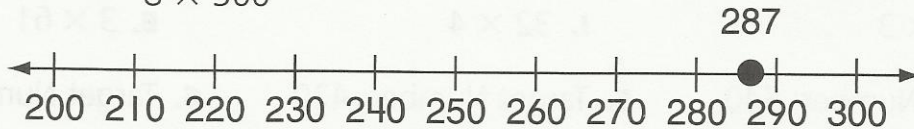
Estimate Products

You can round to estimate products. Round the greater factor to its greatest place and multiply using patterns.

Estimate 8×287 .

Round 287 to the nearest hundred.

$$\begin{array}{r} 8 \times 287 \\ \downarrow \quad \downarrow \\ 8 \times 300 \end{array}$$



Multiply using the rounded number

$$8 \times 300 = 2,400 \quad \text{So, } 8 \times 287 \text{ is about } 2,400.$$

Estimate each product.

- | | | | | |
|---|---|---|---|---|
| 1. 2×74 _____ | 2. 3×42 _____ | 3. 6×36 _____ | | |
| 4. $6 \times \$58$ _____ | 5. 9×18 _____ | 6. 3×71 _____ | | |
| 7. 3×198 _____ | 8. $2 \times \$405$ _____ | 9. 4×378 _____ | | |
| 10. $5 \times 2,987$ _____ | 11. $8 \times 2,126$ _____ | 12. $7 \times \$2,905$ _____ | | |
| 13. $\begin{array}{r} 31 \\ \times 2 \\ \hline \end{array}$ | 14. $\begin{array}{r} 58 \\ \times 3 \\ \hline \end{array}$ | 15. $\begin{array}{r} \$66 \\ \times 4 \\ \hline \end{array}$ | 16. $\begin{array}{r} 17 \\ \times 5 \\ \hline \end{array}$ | 17. $\begin{array}{r} 51 \\ \times 6 \\ \hline \end{array}$ |
| 18. $\begin{array}{r} \$454 \\ \times 7 \\ \hline \end{array}$ | 19. $\begin{array}{r} 512 \\ \times 8 \\ \hline \end{array}$ | 20. $\begin{array}{r} 498 \\ \times 9 \\ \hline \end{array}$ | 21. $\begin{array}{r} \$637 \\ \times 4 \\ \hline \end{array}$ | 22. $\begin{array}{r} 845 \\ \times 2 \\ \hline \end{array}$ |
| 23. $\begin{array}{r} 7,809 \\ \times 6 \\ \hline \end{array}$ | 24. $\begin{array}{r} \$6,047 \\ \times 3 \\ \hline \end{array}$ | 25. $\begin{array}{r} 4,524 \\ \times 8 \\ \hline \end{array}$ | 26. $\begin{array}{r} \$2,107 \\ \times 6 \\ \hline \end{array}$ | 27. $\begin{array}{r} 8,596 \\ \times 4 \\ \hline \end{array}$ |