

2-Digit Multiplication: Practice

Name: _____

A. Multiply. Show both lines of work.

$$\begin{array}{r} 1. \quad \quad 24 \\ \times \quad 13 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \quad 35 \\ \times \quad 22 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \quad 46 \\ \times \quad 32 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \quad 57 \\ \times \quad 26 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \quad 68 \\ \times \quad 45 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \quad 79 \\ \times \quad 38 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad \quad 83 \\ \times \quad 64 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \quad 94 \\ \times \quad 57 \\ \hline \end{array}$$

B. Three-digit numbers. The steps are the same: ones, zero, tens, add.

$$\begin{array}{r} 9. \quad \quad 132 \\ \times \quad \quad 24 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad \quad 215 \\ \times \quad \quad 43 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad \quad 346 \\ \times \quad \quad 52 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad \quad 508 \\ \times \quad \quad 67 \\ \hline \end{array}$$

C. A theater has 28 rows of seats. Each row has 34 seats. How many seats are in the theater? Show your work.

D. Leo solved 43×25 and got 301. His two lines of work were 215 and 86. What did he forget? What is the right answer?

2-Digit Multiplication: Practice Answer Key

Both lines of work are shown for every problem.

A. Multiply. Show both lines of work.

$$\begin{array}{r} 1. \quad \quad 24 \\ \times \quad 13 \\ \hline \quad 72 \\ + \quad 240 \\ \hline 312 \end{array}$$

$$\begin{array}{r} 2. \quad \quad 35 \\ \times \quad 22 \\ \hline \quad 70 \\ + \quad 700 \\ \hline 770 \end{array}$$

$$\begin{array}{r} 3. \quad \quad 46 \\ \times \quad 32 \\ \hline \quad 92 \\ + 1380 \\ \hline 1472 \end{array}$$

$$\begin{array}{r} 4. \quad \quad 57 \\ \times \quad 26 \\ \hline \quad 342 \\ + 1140 \\ \hline 1482 \end{array}$$

$$\begin{array}{r} 5. \quad \quad 68 \\ \times \quad 45 \\ \hline \quad 340 \\ + 2720 \\ \hline 3060 \end{array}$$

$$\begin{array}{r} 6. \quad \quad 79 \\ \times \quad 38 \\ \hline \quad 632 \\ + 2370 \\ \hline 3002 \end{array}$$

$$\begin{array}{r} 7. \quad \quad 83 \\ \times \quad 64 \\ \hline \quad 332 \\ + 4980 \\ \hline 5312 \end{array}$$

$$\begin{array}{r} 8. \quad \quad 94 \\ \times \quad 57 \\ \hline \quad 658 \\ + 4700 \\ \hline 5358 \end{array}$$

B. Three-digit numbers. The steps are the same: ones, zero, tens, add.

$$\begin{array}{r} 9. \quad \quad 132 \\ \times \quad \quad 24 \\ \hline \quad 528 \\ + \quad 2640 \\ \hline 3168 \end{array}$$

$$\begin{array}{r} 10. \quad \quad 215 \\ \times \quad \quad 43 \\ \hline \quad 645 \\ + \quad 8600 \\ \hline 9245 \end{array}$$

$$\begin{array}{r} 11. \quad \quad 346 \\ \times \quad \quad 52 \\ \hline \quad 692 \\ + 17300 \\ \hline 17992 \end{array}$$

$$\begin{array}{r} 12. \quad \quad 508 \\ \times \quad \quad 67 \\ \hline \quad 3556 \\ + 30480 \\ \hline 34036 \end{array}$$

C. A theater has 28 rows of seats. Each row has 34 seats. How many seats are in the theater? Show your work.

952 seats. 34×28 : $34 \times 8 = 272$, and $34 \times 20 = 680$. $272 + 680 = 952$.

D. Leo solved 43×25 and got 301. His two lines of work were 215 and 86. What did he forget? What is the right answer?

He forgot the zero at the start of the second line. He multiplied by 2 when the digit means 20, so the second line should be 860, not 86. $215 + 860 = 1,075$.