

2 Digit by 1 Digit Multiplication

STEP 1: Multiply the ones column

$$\begin{array}{r} 45 \\ \times 3 \\ \hline \end{array}$$

$3 \times 5 = 15$

STEP 2: Regroup (if needed)

Write the 5 in the ones column and put the 1 in the tens column.

$$\begin{array}{r} 145 \\ \times 3 \\ \hline 5 \end{array}$$

STEP 3: Multiply the tens column

$$\begin{array}{r} 145 \\ \times 3 \\ \hline 5 \end{array}$$

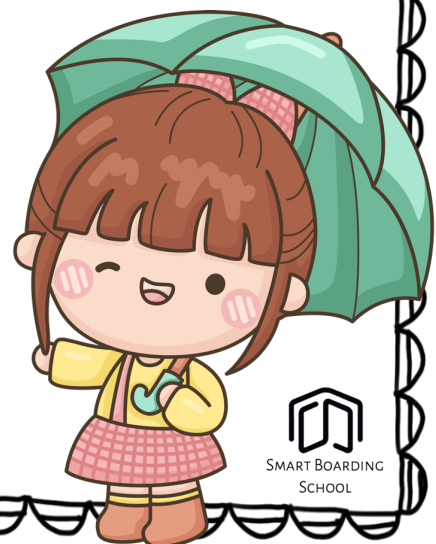
$3 \times 4 = 12$

STEP 4: Regroup (if needed)

$$\begin{array}{r} 145 \\ \times 3 \\ \hline 135 \end{array}$$

$$12 + 1 = 13$$

Write 13 in the tens and hundreds column



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Write the 5 in the ones column and put the 1 in the tens column.

$$\begin{array}{r} 145 \\ \times 3 \\ \hline 5 \end{array}$$

STEP 3: Multiply the tens column

$$\begin{array}{r} 145 \\ \times 3 \\ \hline 5 \end{array}$$

$3 \times 4 = 12$

STEP 4: Regroup (if needed)

$$\begin{array}{r} 1145 \\ \times 3 \\ \hline 135 \end{array}$$

$12 + 1 = 13$

Write 13 in the tens and hundreds column