

## Multiply 2 - Digit Numbers

Sometimes you need to regroup to find the product when you multiply.

Find the product.

$$\begin{array}{r} 28 \\ \times 3 \\ \hline \end{array}$$

### STEP 1

Multiply the ones.

$$\begin{array}{r} 28 \\ \times 3 \\ \hline 24 \text{ ones} \end{array}$$

So,  $28 \times 3 = 84$ .

### STEP 2

Regroup.

24 ones = 2 tens and  
4 ones

$$\begin{array}{r} \overset{2}{2}8 \\ \times 3 \\ \hline 4 \end{array}$$

### STEP 3

Multiply the tens.

$$3 \times 20 = 60$$

Add the regrouped tens.

$$60 + 20 = 80$$

$$\begin{array}{r} \overset{2}{2}8 \\ \times 3 \\ \hline 84 \end{array}$$

### Examples:

A- Find each product.

$$\begin{array}{r} 1) \quad 24 \\ \times 3 \\ \hline 72 \end{array}$$

$$\begin{array}{r} 2) \quad 76 \\ \times 8 \\ \hline 608 \end{array}$$

$$\begin{array}{r} 3) \quad 45 \\ \times 6 \\ \hline 270 \end{array}$$

$$\begin{array}{r} 4) \quad 19 \\ \times 5 \\ \hline 95 \end{array}$$

$$\begin{array}{r} 5) \quad 37 \\ \times 4 \\ \hline 148 \end{array}$$

$$\begin{array}{r} 6) \quad 31 \\ \times 7 \\ \hline 217 \end{array}$$

### B- Problem Solving

7) Maher has 33 papers to deliver, 5 days a week. How many papers does Maher deliver during one week?

$$\underline{33 \times 5 = 165 \text{ papers}}$$