

# MULTIPLYING

WITH DECIMALS

$$1.5 \times 0.3$$

## 1. LINE UP THE NUMBERS

LIKE A NORMAL MULTIPLICATION  
PROBLEM

$$\begin{array}{r} 1.5 \\ \times 0.3 \\ \hline 45 \\ + 000 \\ \hline 045 \end{array}$$

## 2. MULTIPLY USING THE STANDARD ALGORITHM

## 3. COUNT YOUR DECIMAL PLACES

$$\begin{array}{r} 1.\textcircled{5} \text{ ONE} \\ \times 0.\textcircled{3} \text{ ONE} \\ \hline \end{array}$$

## 4. STARTING AT THE RIGHT COUNT YOUR TOTAL NUMBER OF PLACES

$$\begin{array}{r} 45 \\ + 000 \\ \hline 045. \text{ TWO TOTAL PLACES} \end{array}$$

PUT YOUR DECIMAL AT THE SPOT IN  
YOUR ANSWER

$$0.45$$