## How do you multiply decimals?

## Example

$0.8 \times 65.4$
Step 1 - Change the decimals to whole numbers.
654
$\frac{\mathrm{x} 8}{5232}$
Step 2-Estimate the product by rounding each factor to the nearest whole number or benchmark fraction/decimal $\left(\frac{1}{2}, 0.5\right) .0 .8 \approx 1$ and $65.4 \approx 65$
$1 \times 65=65$
Step 3-Insert a decimal into the product in step 1 that is closest to the estimate in step 2.
52.32 is the closest decimal to 65 . Therefore $0.8 \times 65.4=52.32$

