

Simplifying Percentages

Idea 1

$$5\% \text{ of } 235 = .05 \times 235 = 11.75$$

Convert the percentage to a decimal number and multiply

A percentage represents a fraction or piece of the whole

Idea 2

Example: 40% Of 300

Divide both numbers by 10

$$40 / 10 = 4 \quad 300 / 10 = 30$$

Multiple the two numbers $4 \times 30 = 120$

Verify using the last slide process $.40 \times 300 = 120$