Fractions, Decimals, Percentages, and Converting Between Them.

Objective: To be able to convert between fractions, decimals, and percentages.

Warm-up:

- 1. $5 \div 2 =$
- 2. Write $\frac{5}{2}$ as a decimal.
- $3. 11 \div 4 =$
- 4. Write $\frac{11}{4}$ as a decimal.
- $5. -1.25 \times 4 =$
- 6. Write -1.25 as a fraction.
- 7. $12 \times 4 =$
- $8. 19 \times 4 =$
- 9. Simplify $\frac{76}{48}$.

Theory - Simplifying Fractions: Simplify $\frac{-18}{60}$.

Simplify $\frac{364}{12}$.

Practice:

- 1. Simplify $\frac{-18}{42}$.
- Simplify ⁶⁰/₄₅.
 Simplify ¹⁶⁵/₃₆₃.

Theory - Decimals to Fractions: Express 0.75 as a simplified fraction.

Express -1.96 as a simplified fraction.

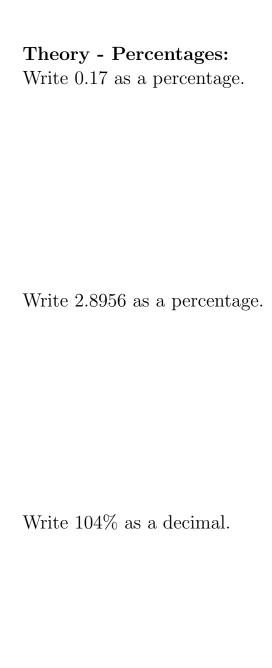
- 1. Express 2.4 as a simplified fraction.
- 2. Express -0.18 as a simplified fraction.
- 3. Express 0.625 as a simplified fraction.

Theory - Fractions to Decimals: Write $\frac{3}{24}$ as a decimal.

Write $\frac{-25}{15}$ as a decimal.

Practie:

- 1. Write $\frac{121}{5}$ as a decimal.
- 2. Write $\frac{-17}{4}$ as a decimal.
- 3. Write $\frac{2}{6}$ as a decimal.



Write -18.912% as a decimal.

Practice:

- 1. Write 41.2% as a decimal.
- 2. Write -9.176 as a percentage.
- 3. Write $\frac{2}{5}$ first as a decimal and then as a percentage.
- 4. Write 11.4% first as a decimal and then as a simplified fraction.