

Fraction Review

Changing Fractions to Decimals

- * Divide numerator by denominator
- * use **CTRL** **ENTER**

Examples:

$$1. \frac{3}{8} = 0.375$$

$$2. \frac{30}{75} = 0.4$$

$$3. \frac{120}{55} = 2.\overline{18}$$

$$4. \frac{3}{7} = 0.\overline{428571}$$

Changing Decimals to Fractions

- * Write as read
- * Put decimal into the calculator, **menu** **2** **2**
- * If improper... use **menu** **2** **7** **1**

Examples:

$$1. 0.505 = \frac{101}{200}$$

$$2. 2.63 = \frac{263}{100} = 2\frac{63}{100}$$

$$3. 5.34 = \frac{267}{50} = 5\frac{17}{50}$$

$$4. 7.075 = \frac{283}{40} = 7\frac{3}{40}$$

Comparing Fractions

- * Convert to decimals and compare

Examples: Which number is greater?

$$1. 2\frac{5}{8}, 2\frac{24}{41}$$

$$2. \frac{76}{55}, 1\frac{21}{70}$$

$$2\frac{5}{8} = 2.625\overline{00}$$

$$\frac{76}{55} = 1.38\overline{1}$$

$$2\frac{24}{41} = 2.5853\overline{6}$$

$$1\frac{21}{70} = 1.3\overline{00}$$

$$\boxed{2\frac{5}{8}}$$

$$\boxed{\frac{76}{55}}$$

Combined Operations

*** BE VERY CAREFUL with parentheses

$$1. (\frac{5}{8}) + (\frac{7}{24}) \div (1\frac{4}{5})$$

$$2. (7\frac{1}{2}) - (\frac{2}{11}) \times (2\frac{3}{7})$$

$$\frac{235}{108}$$
$$\boxed{2\frac{19}{108}}$$

$$\frac{713}{154}$$
$$\boxed{4\frac{97}{154}}$$

HOMEWORK

Worksheet - Review of Fractions/Place Values