## Multiplying and Dividing Fraction Notes

## Multiplying Fractions

Steps for Multiplying Fractions

- 1. Write all mixed/whole numbers as improper. Fractions
- 2. Cross Simplify if possible.

3.	Multiplynumerators	Multiply	gewinat	<u>'Œ</u> S

Examples:

$$\begin{array}{c}
4.5 \text{implify} \text{ (if needed)} \\
2 \frac{3}{4} \cdot 1 \frac{1}{5} \\
10 \overline{\smash)33}^{30}
\end{array}$$

Examples:

$$\begin{array}{c}
33 \overline{33} \\
5 \overline{33} \\
10 \overline{33}^{30}
\end{array}$$

Dividing Fractions

$$\begin{array}{c}
33 \overline{33} \\
10 \overline{33}^{30}
\end{array}$$

Cross simply for can divide by 3 and 9 by

Dividing by a fractions is the same thing as multiplying by it's reciptocal

- 1. Write all mixed/whole numbers as improper . Fractions
- 2. SKIP, FIIP\_, MULTIPLY.
  3. Simplify (if needed)

## **Examples:**