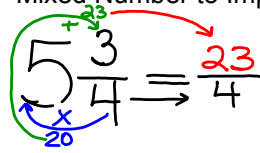


Mixed Number to Improper Fraction

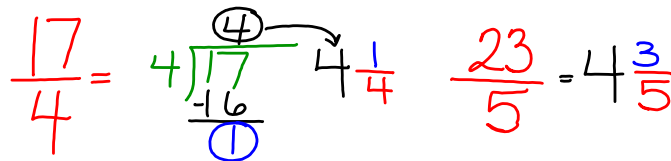


- 1) X the denominator and whole #
- 2) + the product and numerator
- 3) That sum is the new numerator
- 4) The denominator does not change

$$7\frac{5}{6} = \frac{47}{6} \quad 12\frac{1}{2} = \frac{25}{2}$$

Improper Fraction to Mixed Number

*\*Divide\**



- 1) Divide numerator by the denominator
- 2) Quotient is the whole #
- 3) "Remainder" → numerator
- 4) Denominator does not change

$$2\frac{1}{2} \times 3\frac{2}{3}$$

$$\downarrow \quad \downarrow$$

$$\frac{5}{2} \times \frac{11}{3} = \frac{55}{6} = 9\frac{1}{6}$$

$$5\frac{3}{6} \times 2\frac{2}{3}$$

$$\frac{3}{\cancel{6}} \times \frac{4}{\cancel{3}} = \frac{44}{3} = 14\frac{2}{3}$$

$$3 \overline{)44} \\ \underline{-30} \\ 14 \\ \underline{-12} \\ 2$$