August 22, 2019

-Five minutes of silence

Warm Up

-Put your homework on your desk

Mini Quiz

- The only thing on your desk should be a pencil, folder from the back table and your homework

August 22, 2019

Fractions Introduction

Mixed Numbers - An Integer with a fraction

$$2\frac{3}{4}$$

Improper Fractions - Fractions where the numerator is larger than the denominator

$$\frac{22}{7}$$

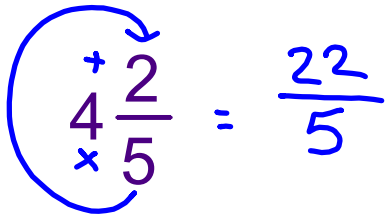
→ numerator

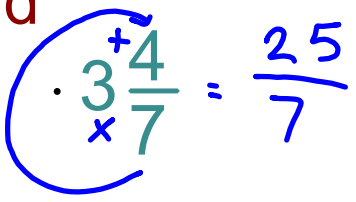
→ Denominator

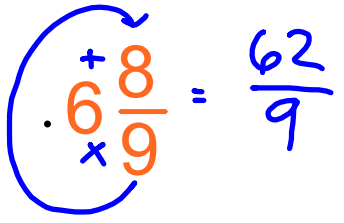
Mixed ⟶ Improper

Circle Method

1. Multiply
2. Add







You Try!

$6\frac{3}{4} = \frac{27}{4}$

$2\frac{1}{5} = \frac{11}{5}$

Improper ⟶ Mixed

Divide!

- Numerator goes inside the division symbol

$\frac{57}{8} = 7\frac{1}{8}$

$8\overline{)57}$ $7\frac{1}{8}$
-56
1

$\frac{32}{5} = 6\frac{2}{5}$

$5\overline{)32}$ $6\frac{2}{5}$
-30
2

$\frac{145}{6} = 24\frac{1}{6}$

$6\overline{)145}$ $24\frac{1}{6}$
-12
25
-24
1

$\frac{900}{9} = 100$

You Try!

$\frac{17}{4} = 4\frac{1}{4}$

$\frac{123}{3} = 41$

Reducing

- Improper Fractions are never in simplest form. Must be changed to mixed numbers

$\frac{6}{9} \div 3 = \boxed{\frac{2}{3}}$ $\frac{30}{18} \div 2 = \frac{15}{9} \div 3$ $\frac{12}{20} \div 4 = \boxed{\frac{3}{5}}$ $\frac{5}{30} \div 5 = \boxed{\frac{1}{6}}$

$\frac{5}{3} = \boxed{1\frac{2}{3}}$

To add and subtract fractions with the same denominator, add the numerators and **always** keep same denominator.

$$\frac{2}{4} + \frac{3}{4} = \frac{5}{4} = 1\frac{1}{4}$$

August 22, 2019

Add.

$$\frac{7}{10} + \frac{2}{10} = \frac{9}{10}$$

Subtract.

$$\frac{7}{10} - \frac{4}{10} = \frac{3}{10}$$

August 22, 2019

Solve and simplify!!!

*Don't forget the integer song!!

$-\frac{13}{10} + \frac{5}{10} =$

$-\frac{8}{10} = \boxed{-\frac{4}{5}}$

$-\frac{8}{9} + -\frac{5}{9} =$

$-\frac{13}{9} = \boxed{-1\frac{4}{9}}$

$-\frac{3}{4} - \frac{1}{4} =$

$-\frac{4}{4} = \boxed{-1}$

August 22, 2019