

Day 12: Variety of Fractions

Lesson Target:

- Identify proper fraction, improper fraction, and mixed fraction

Process	Activities/Expected Students' responses	Teacher's Support
Understand the Goal	What are the different among $\frac{1}{3}$, $\frac{4}{3}$, and $1\frac{1}{3}$?	
Explore/ Investigate/Solve	<p>Discuss about the difference among $\frac{1}{3}$, $\frac{4}{3}$, and $1\frac{1}{3}$ with a partner and then, class.</p> <p>Introduce/ Sort different fractions</p> <ul style="list-style-type: none"> • Proper Fraction • Improper Fraction • Mixed Fraction <p>Explore <i>Fraction Sorting Game</i></p> <p>Model how to change improper fraction to mixed fraction</p> <ol style="list-style-type: none"> 1. How many $\frac{1}{3}$s do you need to make 1 whole? ----- 3, yes, $\frac{3}{3}$ 2. How many $\frac{3}{3}$ (1 whole) in $\frac{4}{3}$? ----- 1, 1 whole. 3. How much do you have left over? ----$\frac{1}{3}$ 4. So $\frac{4}{3} = 1\frac{1}{3}$. <p>Explore and practice to figure out to change $\frac{6}{5}$ to the mixed fraction</p>	<p>Encourage to use vocabulary words; Denominators Numerators</p> <p>Record on the chart paper</p>
Conclude	<p>Journal Entry: Which one is improper fraction, $\frac{2}{5}$, $\frac{7}{5}$, or $3\frac{2}{5}$?</p> <p>Change $\frac{7}{5}$ to mixed fraction</p>	

Assessment:

- **Identify/Sort** 3 different fraction types
- **Operate** to change from improper fraction to mixed fraction

Extension:

- **Compare** fractions $1\frac{1}{3}$ and $\frac{4}{3}$
- **Explain** your answer with numbers, words, and pictures
- **Solve** a problem: $1\frac{1}{3} + \frac{4}{3} =$ with pictures
- **Operate** to change from mixed fraction to improper fraction