

Fractions Introduction

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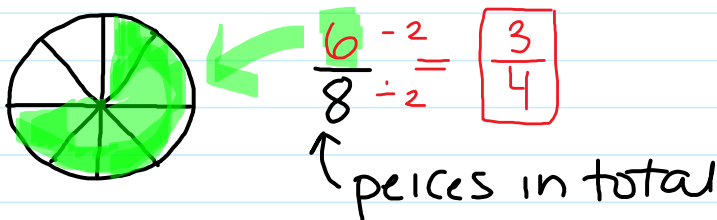
$$\frac{5}{10} \leftarrow \text{numerator}$$
$$\frac{5}{10} \leftarrow \text{denominator}$$

Proper fraction numerator is smaller # than denominator

Improper fraction numerator is bigger than the denominator

Mixed fraction there is a whole # in front of a proper fraction

Ex. #1



Ex #2



Convert from Mixed fraction \Rightarrow improper fraction

$$4 \frac{1}{3} = \frac{13}{3}$$

+ Add

\times multiply (3×4)

Ex #1

$$a) 2 \frac{3}{4} = \frac{11}{4}$$

$$b) 1 \frac{6}{7} = \frac{13}{7}$$

$$c) 4 \frac{1}{3} = \frac{13}{3}$$

$$a) \frac{11}{4} = \frac{11}{4}$$

$$b) \frac{15}{7} = \frac{15}{7}$$

$$c) \frac{15}{3} = \frac{15}{3}$$

Improper \Rightarrow Mixed fraction

convert $\frac{20}{3}$ to a mixed #

divide numerator by denominator

$$20 \div 3 = 6 \text{ plus } 2 \text{ remainder}$$

$$\frac{20}{3} = 6 \frac{2}{3} \checkmark$$