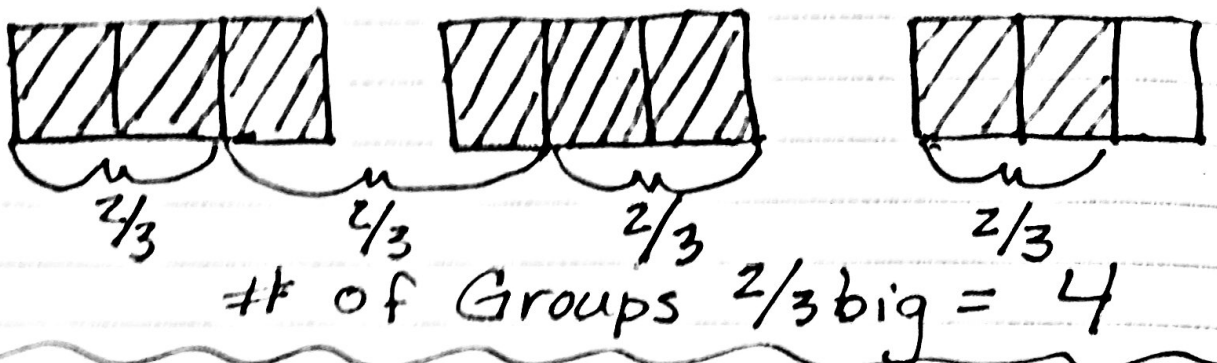


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# Dividing Fractions

## Model

$$3 \div \frac{2}{3} = 4 \frac{1}{2}$$



Reciprocal - are numbers with a product of 1. ( $\frac{2}{3} \cdot \frac{3}{2} = \frac{6}{6} = 1$ )

**K**: Keep the dividend (1<sup>st</sup> Frac.) the Same  
**C**: Change ( $\div$ ) to ( $\times$ )  
**F**: Flip the divisor (2<sup>nd</sup> Frac.) reciprocal

$$\text{Ex 1: } \frac{2}{3} \div \frac{5}{6} = \frac{2}{3} \cdot \frac{6}{5} = \boxed{\frac{4}{5}}$$

$$\text{Ex 2: } 9\frac{1}{2} \div 2\frac{3}{4} = \frac{19}{2} \div \frac{11}{4} = \frac{19}{2} \cdot \frac{4}{11} = \frac{38}{11} = \boxed{3\frac{5}{11}}$$

$$\text{Ex 3: } \frac{2}{3} \div 5 = \frac{2}{3} \div \frac{5}{1} = \frac{2}{3} \cdot \frac{1}{5} = \boxed{\frac{2}{15}}$$