| Name: B | slock: |
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- <u>CCSS</u>: 6.NS.1 and 6.NS.2
- <u>Learning Objective</u>: Multiplying and Dividing Fractions

Academic Vocabulary:

- Division
- Improper Fraction
- Mixed Fraction

Examples:

Multiplying and Dividing Fractions

| $1\frac{4}{7} \cdot \frac{2}{3}$ $\frac{11}{7} \cdot \frac{2}{3}$ $\frac{22}{21}$ $1\frac{1}{21}$ | Make fractions improper if possible Multiply straight across Simplify if possible |
|--|---|
| $3\frac{1}{4} \div 1\frac{3}{7}$ $\frac{13}{4} \div \frac{10}{7}$ $\frac{13}{4} \cdot \frac{7}{10}$ $\frac{91}{40}$ $2\frac{11}{40}$ | Make fractions improper if possible Rewrite as multiplication Multiply straight across Simplify if possible |

| | Practice: | |
|---|--|----|
| | 1. $4\frac{1}{5} \cdot 2\frac{2}{3}$ | |
| | 2. $5\frac{1}{3} \div 1\frac{3}{7}$ | |
| | Practice Continued: Mrs. Martinez bought five gallons of ice cream for Mr. Wong's awesome mat classes. If there were thirteen and one-fifth scoops of ice cream in each gallon ice cream. How many students could Mr. Wong serve, if each student receive two-thirds of a scoop of ice cream? | of |
| Justification: Describe how did you solve the problem above? | | |

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