

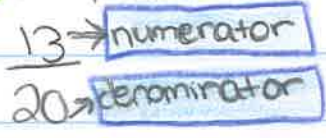
Working with Fractions

Essential Question: In what areas of your life after high school will you have to apply fractions?

Adding & Subtracting

How can I find a common denominator help me with the rest of my problem?

- 1) When adding and subtracting fractions find a common denominator
- 2) Then add or subtract the top numbers
- 3) Keep the denominator the same



Smaller → 3/5 < larger
proper fraction

9 - larger/equal
5 - smaller/equal
Improper Fraction

How do I turn a improper fraction to a mixed?

2 1/3
Mixed

Multiplying Fractions

How can I remember to invert the 2nd number?

- 1) Multiply the top by the top and the bottom by bottom
- $$\frac{2}{4} \times \frac{2}{4} = \frac{4}{16} = \frac{1}{4}$$

Dividing Fractions

- 1) Invert the 2nd number
- 2) Multiply

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

I can apply fractions after high school when you are working with money and when you're working with measurements for cooking.