

Modeling the addition of fractions

Connect

$$\frac{4}{5} = \frac{1}{5} + \frac{3}{5}$$

I do

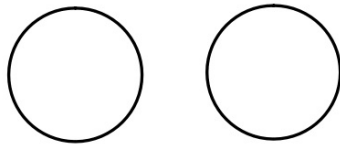
Pizzas are usually cut into 8ths. Let's say that I have $\frac{3}{8}$ of a pizza leftover, and Ms Richter has $\frac{2}{8}$ of one, and we decide to combine ours. How much pizza do we have?

We do

Brownies are usually cut into 12/th. Lets say Ms Griffith has $\frac{9}{12}$ of a pan of regular brownies, and $\frac{2}{12}$ of a pan of white chocolate brownies. Model the total fraction of a pan of brownies she has

We do

what if two people both order large pizzas for dinner, have $\frac{3}{4}$ leftover, and then bring the leftovers to school to share. How much total pizza do they bring



You do together on whiteboard

Ryan runs $\frac{2}{5}$ of a mile, then takes a break, then runs another $\frac{2}{5}$ of a mile.
Model How far does he run all together?

Model/Drawing

Equation

You do alone on index card

Jenna does $\frac{1}{5}$ of her weekly reading minutes on Monday, $\frac{2}{5}$ of her minutes on Tuesday, and $\frac{1}{5}$ on Wednesday.
Model how much has she done all together?

Model/drawing

Equation