

**Word problems - figuring out whether to multiply or divide**

**Connect**

**Multiply fractions std alg**

**Divide fractions std alg**

**I do**

**Ms. James has  $\frac{1}{2}$  of her sushi roll left to eat. She like it so much that she decides to give  $\frac{1}{4}$  of it to Ms. Johnson to try. How much did she give her?**

**Mrs James has  $\frac{1}{2}$  of her sushi roll left to eat, but she's full. She decides to cut it into  $\frac{1}{4}$ -of-a-roll size pieces to give away. how many pieces can she make?**

**I do**

**$\frac{2}{3}$  of the students at RD Head remembered to dress up for picture day. Of those students,  $\frac{1}{4}$  are girls. What fraction of students at RD Head dressed up for picture day?**

**Caviar is sold in  $\frac{1}{4}$  oz servings. I have  $\frac{2}{3}$  of an ounce of caviar. How many servings can I sell?**

**We do**

**The Mountain Dew-d poured  $\frac{1}{2}$  of his Dew into a glass. Then he drank  $\frac{2}{3}$  of the glass. How much of the mountain dew did he drink?**

**The Mountain Dew-d poured  $\frac{1}{2}$  of his Dew into a glass. He loves Dew so much that he wanted to let as many people as possible have a sip to taste it. When somebody takes a sip of soda, it is usually about  $\frac{1}{20}$  of a can. How many people can have a sip?**

You do together  
on whiteboard

Write a multiplication  
word problem AND  
a division word problem  
involving the fractions

$1/5$  and  $1/2$

mult

div

You do alone on  
index card

Write a multiplication  
word problem AND  
a division word problem  
involving the fractions

$1/6$  and  $2/3$

mult

div

Summary on back of  
index card