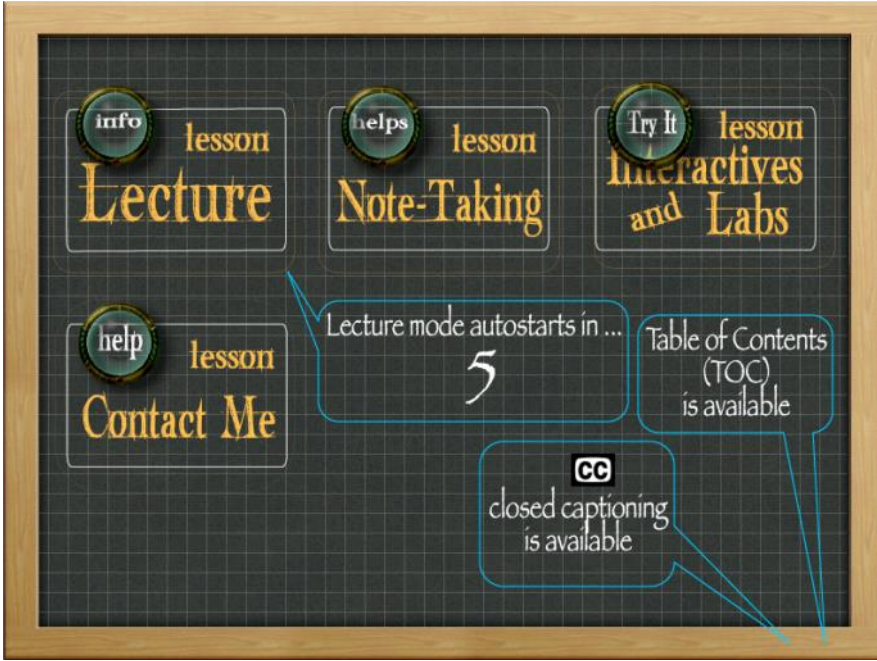
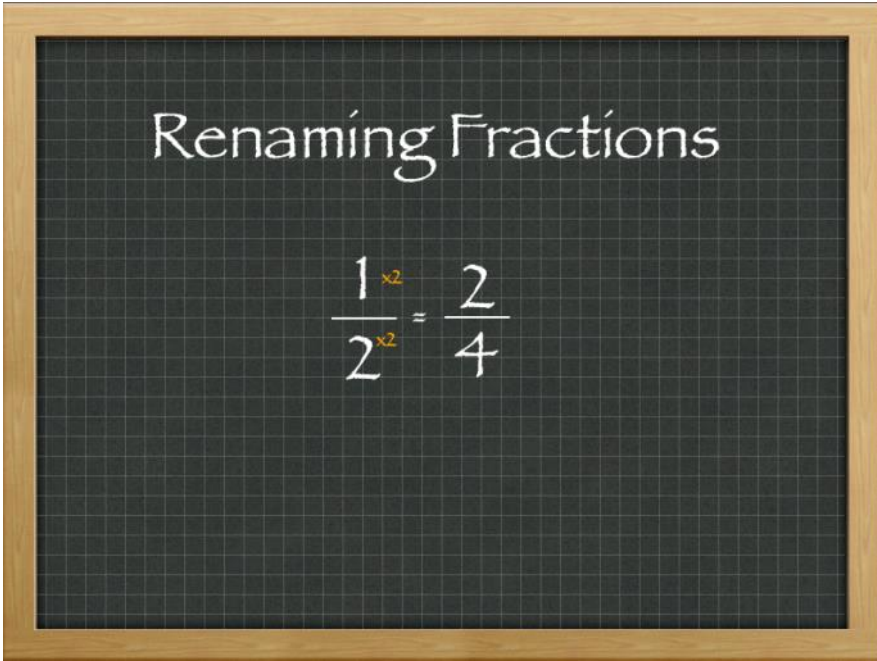


Add and Subtract Fractions with Different Denominators

Thursday, March 01, 2012
1:47 PM

Slide	Notes
	
	<p>You have only been adding fractions specifically with the same denominator. Now you will be able to add and subtract them when they have different ones.</p>

Adding and Subtracting Fractions with Different Denominators

$$\frac{1}{2} + \frac{1}{4} =$$

$$\frac{1 \times 2}{2 \times 2} + \frac{1}{4} =$$

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

We do not have the same denominators, so we cannot yet add these fractions.

We need both to be the same denominators, so we have to think about what we can multiply one or both by to get them to be the same. Since the 2 can go into 4, we can multiply the denominator and the numerator by 2 and then both fractions have the same denominator.

$$2/4 + 1/4 \text{ is } 3/4$$

Try It

$$\frac{2 \times 3}{3 \times 3} + \frac{1}{9} = \frac{7}{9}$$

Congratulations!
You have completed
this topic

Give us feedback about
this lesson if you wish...

