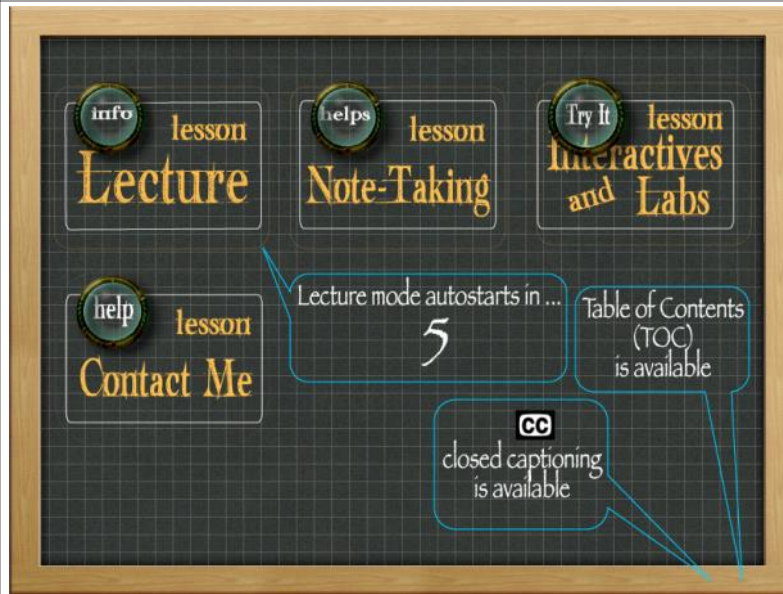


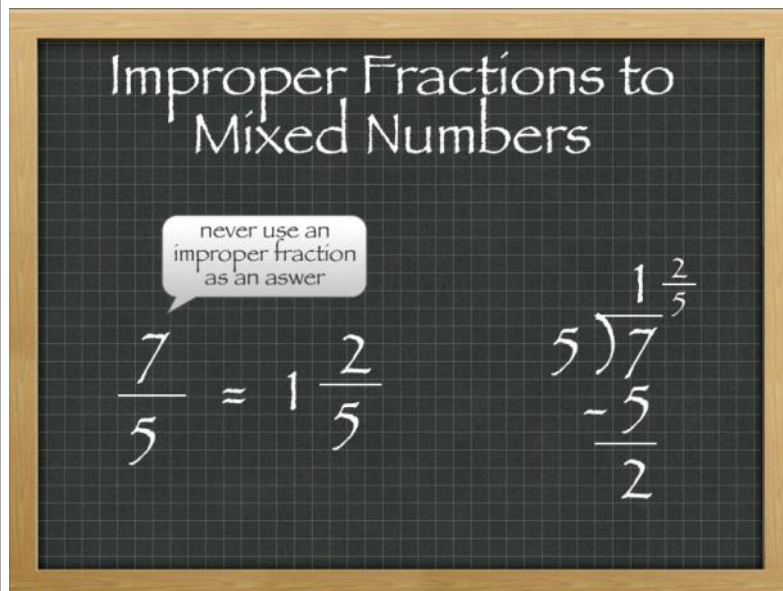
Improper Fraction to Mixed Number

Thursday, March 01, 2012
8:58 AM

Slide



Notes



Improper fractions occur when the numerator is larger than the denominator. There are times when you specifically will be creating improper fractions, such as when you multiply and divide fractions that have mixed numbers in them. You cannot do the job with mixed numbers and you have to get them in to an improper fraction form. But, you never want improper fractions at the stage of reporting your answer. You must always convert them to mixed numbers for answers.

OK, so how do you convert improper fractions to mixed numbers? It is easy. All you really do is divide. Remember that fractions are just another way to show division. Seven divided by five gives you 1 and $\frac{2}{5}$.

Here the actual steps of the division are written out, but start working to where you can get rid of improper fractions mentally when you can. It will be faster. All you have to do is mentally think of how many 5s are in 7 and that gives you the whole number 1. Then how many more are there to go if you have 5 and need 7? 2. That is your numerator. Just keep the same denominator. You will eventually get quite good with mental division. Anytime you get one too complicated to do mentally, just pull out a scratch sheet and divide on paper.

$$\frac{25}{8} =$$

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your
answer

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