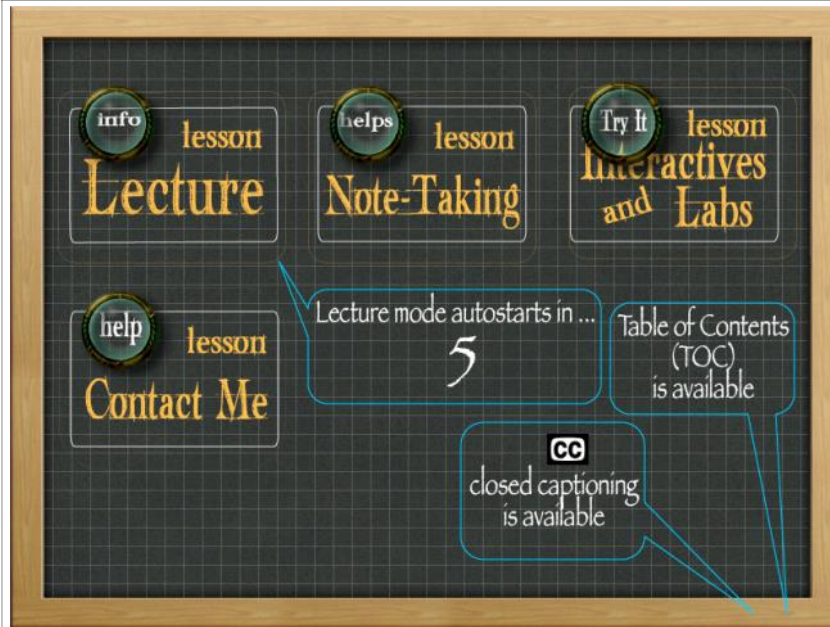


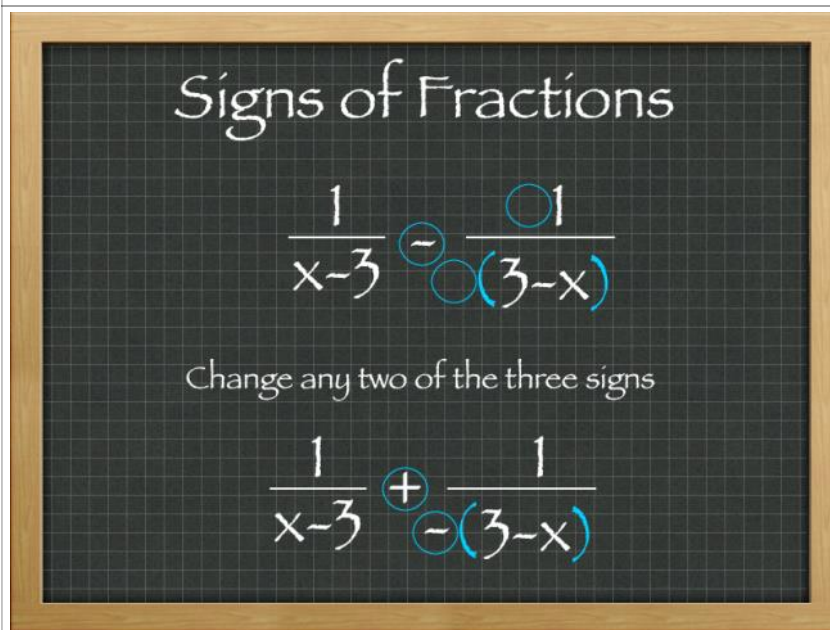
Signs of Fractions

Thursday, January 19, 2012
5:18 PM

Slides



Notes



Sometimes, when you want to get the same denominator so that you can add or subtract, the signs don't match up. Here, we have an $x - 3$ in the first denominator and $3 - x$ in the second one. Though you might not see it instantly because the positions of the x and 3 are different, really, they are the same except their signs are swapped.

There are three possible places to impact the signs. You can change signs, so long as you change two of the three possible places.

You need to focus first on changing the sign to make the match up for the same denominator. Your choice for the second one is up to you, but this one will be a lot easier if you pick the sign that is between them.

Compared to the expression below, which of the two expressions to the right is the correct one.

$$\frac{4}{x-5} + \frac{1}{-1(-x+5)}$$

$$\frac{4}{x-5} - \frac{1}{-x+5}$$

$$\frac{4}{x-5} + \frac{-1}{-x+5}$$

$$\frac{4}{x-5} - \frac{1}{-1(-x+5)}$$

Congratulations!
You have completed
this topic

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

