MAKING SENSE OF MATHEMATICS

Scene		Full Transcript
1	**Skylar:**	Hey, buddy, no cutting! Just kidding. This afternoon I'm here to see an early matinee of a new film… I rushed down to be the first in line. You know, I've got a few minutes before the show starts, so I thought I'd hit the concession stand for some candy and soda. Come to think of it, this would be a good time to review multiplying fractions. So, buy your ticket, and let's get another *Problem Solved*.
2	**Skylar:**	In my opinion, no movie should be seen without a big candy bar and an extra large orange soda. I have a bad habit of eating everything right when I get into the theatre, and then I've got nothing left for the rest of the movie. Multiplying fractions will help me pace myself. My candy bar is a good model. Check this out.
3	**Voice-Over Skylar:**	I want to save $\frac{1}{4}$ of the candy bar to eat on the way home. So, I'm left with $\frac{3}{4}$ of the candy bar to eat during the movie. How much of the *whole* candy bar will I eat during the first half of the movie if I eat $\frac{2}{3}$ of the $\frac{3}{4}$?
		That's two rows with three in each row, or six pieces. Since there were 12 pieces in the whole candy bar, our answer is $\frac{6}{12}$, or $\frac{1}{2}$, of the whole.
4	**Skylar:**	While I'm looking for my seat, think about this.
	Voice-Over Skylar:	Two thirds of $\frac{3}{4}$ is the same as $\frac{2}{3}$ times $\frac{3}{4}$. Here's the amount of the whole candy bar I'm going to eat during the first half of the movie. That is two rows of three, or six parts.
		So, I will eat $\frac{6}{12}$, or $\frac{1}{2}$, of the whole candy bar. When you multiply the numerators, you get the number of individual parts you are considering, and when you multiply the denominators, you get the number of parts in the whole.
5	**Skylar:**	*(Slurps his drink.)* I'm already out! I wonder where everyone is.
		Ah well, that's the basics of multiplying fractions. Thanks for keeping me company while I wait. Oh, here we go! This is gonna be great.

MakingSense