Mixed Numbers
Video Script

Scene		Full Transcript
1	**Skylar:**	Hey, parents. Skylar here again, and I'm at Starvin' Marvin's Pizza, where my buddy Kenny, the cook, needs to do a little quick math using mixed numbers to get out of a crusty jam. So, come on; let's get another *Problem Solved.*
2	**Skylar:**	This is practical information for your kids. Just remember that a mixed number is a combination of a whole number and a fraction. An improper fraction, I know, sounds like there's something wrong with it. Nope, it just means the number on the top, the numerator, is bigger than the number on the bottom, the denominator. Both are useful in problems in which you need to share and for recognizing that some numbers look different but actually represent the same amount. You'll also use them a lot in algebra, but that's down the road. Today, it's all about sharing.
3	**Skylar:**	Alright, now our man Kenny here seems to have everything under control, but he's actually got a big problem. It all has to do with those seven hungry kids sitting over there and the pies Kenny's about to take out of the oven. See, they ordered three larges.
4	**Skylar:**	But, it's been a busy night, and Ken ran out of dough. Can you believe it?
	Voice-Over Skylar:	He was only able to make two full pizzas and part of a third. The manager said the kids eat for free, but he still has to cut the pies so all seven kids get the same amount. If not, the table is liable to get a bit ornery.
5		*Kenny and woman arguing.*
	Woman:	No, it's this way. No, it's this way.
	Skylar:	Guys, guys, this is easy. Don't sweat it.
6	**Voice-Over Skylar:**	Here are our pizzas. Kenny normally cuts them into eight pieces, like this. The problem is with this crazy-looking one over here. As you can see, we only have enough for five of the normal eight slices, five of the eight or $\frac{5}{8}$. Next is where our mixed number comes in. We look at the total amount of pizza we have. We have our two full pizzas and $\frac{5}{8}$ of another. So, Kenny's mixed number is $2\frac{5}{8}$.
7	**Skylar:**	Don't worry, man; you're half-way there.

	Voice-Over Skylar:	But, he still doesn't know how much pizza each kid gets. I have an idea that'll help; let's cut the pizzas. There are eight slices in one pizza. There are two pizzas. So, eight slices times two pizzas equals 16 slices. If we add the five slices of the third pizza, we get 21 slices. Then, we just stick the 21 back on top of the bottom number, your original denominator, eight, and there you go. So, what does $2\frac{5}{8}$ look like? Twenty-one eighths. Hold on; here comes the answer. We just divide our 21 slices of pizza by our seven friends. How much pizza does each person get? You guessed it, three pieces.
8	**Skylar:**	There you go, man. The kids are happy. Ken's happy. Our work here is done. *Problem Solved*.