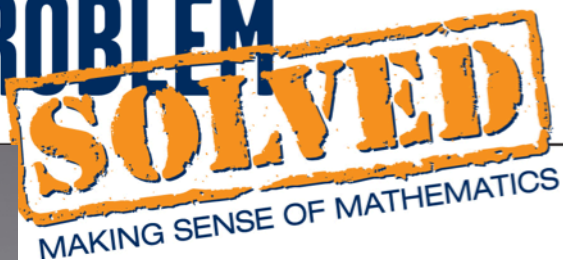
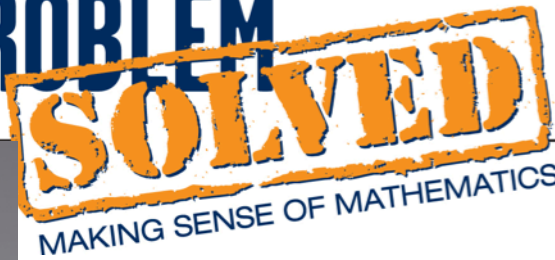


Scene	Full Transcript
1	<p>Skylar: Pizza delivery! I've got two large... Oh! Hey, it's me Skylar. I bet you didn't recognize me in my uniform.</p> <p>You would be amazed at how many math discussions I get into while out making deliveries. Mostly I find myself talking about my favorite shape. Triangles. But you'd be surprised at how many customers just aren't sure how to tell if a shape is a triangle. I know, sounds crazy. Here, take these and I'll give you a tip on triangles and we'll get another problem solved.</p> <p>Let me ask you a question I ask all my customers. What shape is a slice of pizza?</p>
2	<p>Sarah: Triangle.</p> <p>Charli: Um, triangles.</p> <p>Jack: Like a triangle.</p> <p>Skylar: A triangle? Hmm. You know a lot of my customers say the same thing. I've found that there are a lot of shapes that look like triangles, but many of them are not. Identifying triangles can be a little tricky. How would you describe a triangle?</p>
3	<p>Kids: (Laughter while kids are forming what they think is a triangle.)</p> <p>Skylar: Nice! But it would help if there was a test to determine whether a shape is actually a triangle. Well good news! There IS such a test. So why don't we take a look and determine whether a slice of pizza is truly a triangle.</p>
4	<p>Voice-Over Skylar: Every triangle has key characteristics. A triangle must have three straight sides. See, one, two, three! And the sides must be linked end to end. Like this, three straight sides linked end to end.</p> <p>Some children make the mistake of thinking that a triangle must look like this. Don't be fooled, if you turn or rotate the shape, it still passes the test! It has three straight sides linked end to end. So, it's still a triangle!</p> <p>Look at these shapes!</p>
5	<p>Sarah: It looks like a triangle, I think.</p> <p>Charli: That, is a triangle.</p> <p>Voice-over Skylar: You're right! All of the shapes had three straight sides, linked end to end. Are any of these shapes triangles? (Buzzer noise) They all have too many sides.</p>



6	<p>Skylar: So, triangles need to have how many sides?</p> <p>Josh: Three.</p> <p>Sarah: It has to have this many sides (holds up three fingers).</p> <p>Jack: Three!</p> <p>Skylar: Ok, but hold it right there. A triangle must have three straight sides.</p>
7	<p>Voice-Over Skylar: Now, check out these shapes. They look like they have three sides, but not all of the sides are straight. (Buzzer noise) Not triangles.</p>
8	<p>Skylar: Now take a look at your slice of pizza and tell me what you see.</p> <p>Jack: No. It's like this bottom is circular (Speaking at the same time as Sarah)</p> <p>Sarah: Wait a minute, wait a minute, I think this is, there's something wrong.</p> <p>Charli: And the top part, it doesn't look like a triangle.</p> <p>Sarah: No, on the crust it's a round one.</p>
9	<p>Skylar: She's right! A slice of pizza has three sides but not all of the sides are straight. So, it isn't a triangle. Not a triangle, but still good to eat!</p>
10	<p>Voice-Over Skylar: In addition to having three straight sides, the sides of the triangle must be linked end to end.</p>
10	<p>Sarah: Ta-da!</p> <p>Alex: I can't make one. All the sides, um, these two sides are short and this one is long.</p> <p>Jack: See, they're connecting.</p>
11	<p>Voice-Over Nate: Yes! The sides need to be touching. Are these shapes triangles? (Buzzer noise) Not triangles. The sides aren't linked end to end.</p>
12	<p>Skylar: Make sense? Now look closely. What else do you notice about triangles?</p> <p>Charli: But a triangle only has, um, three points.</p>

	Matt:	It has, it has, one, two, three points.
13	Voice-Over Skylar:	The points are actually called vertices. If a shape has three straight sides linked end to end, it will also have three vertices and three angles!
14	Skylar:	When I'm out making my deliveries, I see all sorts of shapes and I put them to the test to see if they're truly triangles.
	Voice-Over Skylar:	How about this yield sign? It's another tricky one. Right! It's not a triangle because it has rounded corners. The sides are not straight where they meet. (Buzzer noise) Not a triangle! What about this window? It has three straight sides linked end to end. (Ding, ding, ding) In fact, there are several triangles! What about his musical instrument called a triangle?
	Sarah:	These lines aren't connected like triangles, and it can't, it has two circles to be the points and they aren't pointy.
	Jack:	That needs to happen like that.
15	Skylar:	It does seem to have a broken side! Mathematically it's not a triangle because these sides aren't linked end to end and the other sides aren't straight where they meet. Now that you're done with your pizza, it's time for dessert! What kind of ice cream do you like?
16	Sarah:	Um, banana and vanilla and chocolate.
	Skylar:	Banana, vanilla and chocolate? That does sound good! But forget about the ice cream, what does this look like? (Holds out cone)
17	Matt:	Uhh, it kind of looks like a triangle; it kind of looks like a birthday hat.
	Skylar:	A birthday hat? I guess he's right. But I meant what shape is this?
	Jack:	Well actually it's a cone.



18	Skylar:	Give the gentleman two scoops! It's actually a three-dimensional shape called a cone. Now, what about this shape?
	Jack:	That's a triangle, that's a triangle and that's a triangle and that's a triangle.
	Skylar:	You're right! Each face is a triangle, but they come together to form a three-dimensional shape called a pyramid.
	Jack:	Err, err... pyramid, pyramid. (Robot voice)
19	Skylar:	When we see pictures of three-dimensional shapes, they may look two-dimensional. Remember, triangles are two-dimensional or flat not three dimensional like cones or pyramids. Don't forget, just apply the test for triangles and you'll deliver the correct answer every time! Problem solved!