Video Script Lesson 7170
Solving Equations Using the Distributive Property

Written by: JESSE REEVES
Revision: FINAL

Event/Action description	Dialog	Graphics example or description
FADE IN: The HOST is sitting at a desk, looking down at a notepad while holding a pencil. A record ledger is on the desk as well.		
The host notices the camera, looks up and addresses it.	HOST: Oh, hi there. I was just figuring out the numbers for my classroom budget.	
The host addresses the camera.	HOST: I'm a schoolteacher, and I'm trying to sort out my expenses.	
The host addresses the camera and motions in its direction.	HOST: Hey, I know: maybe you can help me figure this one out.	
The host addresses the camera.	HOST: Here's my problem: I took some of my students to the movies as a reward. But I've forgotten how much the tickets were.	
The host gestures to the pad of paper.	HOST: I know how much I spent in total, so let's do the math on this one and figure it out together.	
The host gestures for the graphic, and it appears.	HOST: We'll be able to write out an equation for this using Distributive Property.	GRAPHIC: The words "Distributive Property" appear behind the Host.
The host moves around while addressing the camera.	HOST: I remember that I spent a total of 65 dollars at the movie theater.	GRAPHIC: $65 appears on the screen.
The host addresses the camera.	HOST: Now then, I also remember that I spent 7 dollars for a drink and popcorn for each of my five students.	GRAPHIC: A soda cup and a popcorn bag appear on the screen. With an arrow arcing over them and $7 over that.
The host addresses the camera.	HOST: Since I don't know how much I spent on the ticket, we'll leave it as an 'X'.	GRAPHIC: Ticket icon = X appears.

The host gestures for the graphic, and it appears.	HOST: So that means the total cost per student is 7 plus X.	GRAPHIC: 7 + X appears. Or the outline of a student = 7 + X. Or "1 student = 7 + X"
The host addresses the camera.	HOST: And as we know I took 5 students, we'll have to multiply the cost per student by 5.	GRAPHIC: Five students or people outlines appear.
The host addresses the camera.	HOST: So far, that makes our equation 5 times (pause) 7 plus X.	GRAPHIC: 5 (7 + X) appears.
The host addresses the camera.	HOST: And you'll remember that my total cost was 65 dollars.	GRAPHIC: $65 appears.
The host points to the graphic.	HOST: So that is going to make our equation 5 times (pause) 7 plus X equals 65.	GRAPHIC: 5 (7 + X) = 65 appears.
The host addresses the camera.	HOST: I think we'll stop here. Your class will now solve this equation using Distributive Property.	GRAPHIC: The words "Distributive Property" appear behind the Host.
The host motions a thumb over the shoulder to the ledger on the desk.	HOST: Well, I'd better get back to working on my records.	
The host waves to the camera.	HOST: Good job today. I'll see you next time.	