Activity Name	Greater than, Less than, Equal to
Activity Description	Students will be show two quantities that are in separate columns in a table.
	If students believe that the quantity shown in column A is greater than the
	quantity shown in column B, then they should hold up their card marked A. If
	they think the quantity shown in column B is greater than the quantity
	shown in column A, then they should hold up their card marked B. If
	students think that the quantity shown in column A is equal to the quantity
	snown in column B they should hold up the card with containing the equal
	sign. It students think that there is not enough information provided in order
	card with "2" [The card with the question mark does not mean the student
	does not know, it means that there isn't enough information to make a
	decision. If the student really does not know, they should give their best
	answer.]
Standards Addressed	In general terms, comparing quantities and variable substitution. The map to
	the state's adopted common core standards will be determined.
Materials	One set of four A B = ? cards for each students
	Questions to be asked
Set-up	Prepare questions ahead of time to save time, though creating them on the
.	fly could also work in some cases.
Prerequisite activities or	variable discussion or prior knowledge about variables.
prior knowledge	
Process	 Distribute AIRI-12 cards
1100033	 Explain the type of problems that they will see, and how to hold up
	the cards
	 Begin with an easy problem as a demo; give students some time to
	process the question before asking to see the cards. This is so
	students that have the answer quickly do not have to keep their card
	in the air while others are figuring an answer; it also reduces the
	time that students will see each other's answers, which would
	reduce the effectiveness of polling the class.
why this activity is	 Inis is a good quick assessment activity where I can get a general feel for how well a close knows a taries. It is used now with some cost.
selected for use	for now well a class knows a topic; it is used now with some easy
	problems, but to a larger part to get them familiar with this strategy
	which will be used frequently. Sometimes similar activities will use
	the smart response system, or Fast lane which is a game I created
	with Excel and use in all classes.
	• It models problems that students may find on standardized tests. I've
	heard that they took these off the SAT, but students may still
	encounter them in SAT prep books. Students will find them in the
	textbook and related resources so it is good for student to be
	familiar with these problems and know how to answer them.