Notes for Sharing a Snickers:

Cue Slide 2:

Ask the teachers to arrange themselves into groups of 5.

After the are in groups of 5, explain that they will be asked to share something, but you want to give them the parameters for sharing first.

Cue Slide 3:

The first parameter is that everyone’s share must look exactly like everyone else’s share. (This refers to the size of any pieces, NOT to the chocolate coating.)

 (ie, if one person had a big chunk, and someone else had the same amount,

but cut into smaller pieces, this would not meet this parameter)

The second parameter is to try and use the fewest number of cuts.

Once there is clarity about the two parameters…

Cue Slide 4:

Share 3 Snickers between 5 people.

After a solution is decided upon and cuts made, represent your solution in fractional notation.

[**ideal answer is ½ + 1/10]**

(If there are multiple pieces, each piece must be part of that representation)

Final questions:

What fractional part of a candy bar does each person get?

**[answer is 3/5]**

How does that compare to your group’s physical solution?

If the Second Parameter had not been given, what might your solution have looked like?

How does this compare to your other numerical represenations?