YOUR turn: Observations, Interviews, *Show Me*

Consider the Renny problems below – 1ˢᵗ problem or the extension (2ⁿᵈ). What might you observe if students solved either problem? What might cause you to interview a student based on what you observed? What might you ask a student to show?

1. Renny wanted to share a big Halloween candy bar, but he had his own idea about "fair sharing" his candy. This is what he planned to do. I'll take ½ of the candy bar for me and then 3 of my friends could share the other half, with each getting the same amount of the candy bar. What fractional part of the candy bar would each friend get? Show the shares, including Renny's using a drawing or number line.

2. Extension: If Renny takes ½ of the candy bar and then shares the other half among friends with each friend getting 1/8 of the candy bar, how many of Renny's friends will share that half of the candy bar?