**Gabe: Finding Equivalent Fractions**

Gabe: Okay, if we break it up and we just have the fraction, what is it?

Student: ¼th.

Gabe: ... We have 1/4th ... Now, if we had 3/3 it’s the same as?

Students: 1.

Gabe: 1. And 1 x any number is the same number. If we have A/A, it’s the same as

Student: A

Student: 1

Gabe: ... it’s the same as 1. Wouldn’t these two discontinue each other?

Students: Yes.

Gabe: So they cancel each other out, so we have no more As. Here we have 2 and here we have 1, what do we have left? ...

Student: [inaudible]

Gabe: We have a B left ... Did everybody see what I did? ... So, we have 3/12ths, which was the same as 1/4th, we didn’t need the 1 on top, so we just have the 4. The As, same as 1. Up here we have B x B. Each of these Bs cancel each other out, so we have a B up here.

Students: Oh. Interesting.

Gabe: .. Isn’t that amazing, that it just comes out like this?