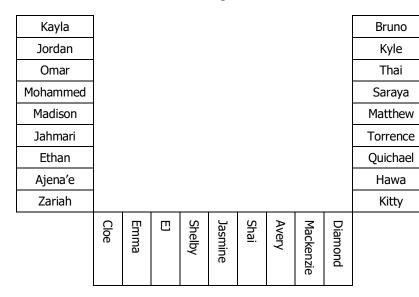


## **Transcript: Representing the Shaded Part of the Rectangle**

Elementary Mathematics Laboratory University of Michigan School of Education Tuesday, July 27, 2010

## Seating Chart



(Referring to the top rectangle) I picked- and it says, 1 Mackenzie: "What fraction of the rectangle is shaded brown?" 2 And I- my answer was one-third of the-3 4 Teacher: You can use a marker and write that number. 5 Mackenzie: I put one-third of the rectangle that's shaded brown. 6 Teacher: Can you explain why you came up with that? 7 Mackenzie: Well, because there is three squares and one of them is colored in. So you pick the one- You write the 8 number that is like the amount that is shaded in, then 9 you write the whole entire numbers with all the 10 squares in it. 11 Teacher: So now you can say, "Does anybody have 12 13 comments?"

Problem:

What fraction of the rectangle is shaded brown?



What fraction of the rectangle is shaded brown?



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