APPENDIX

FINAL STUDY: KMD Survey Sample Items

***For each of the following sets of statements, check the box corresponding to the statement that describes the math skill that a child is likely to learn first. If they are equally easy for a young child, check the box next to “Same.” Do not guess if you do not know the answer, instead, check “Do not know”.***

1. Sage counts a row of seven buttons.

Sage produces a group of seven buttons from a larger set (i.e., “Can you take seven  
 buttons out of this box of buttons?).

Same

Do not know

1. Shea answers the question “Here are two groups of teddy bears. How many all

together?” when presented with two groups of two teddy bears.

Shea answers the question: “What is two plus two?”

Same

Do not know

1. Jaiden answers the question, “How many buttons?” after counting a set of six

buttons.

Jaiden counts a row of six buttons (i.e., “1, 2, 3, 4, 5, 6”).

Same

Do not know

1. 10 BUTTONS 001 Cimarron says the counting words in order from 1 to 10 (i.e., “1, 2, 3, 4, …).

Cimarron counts a row of ten buttons.

Same

Do not know