Justifying a Conjecture

Videos are from 5/16/95-5/18/95 activity at Kennilworth, coded ABC with A referring to table, B day and C first or second tape for that day, S2B refers to Stephanie’s table, second day, second tape

**At yesterday’s class, a third grade visitor said that she could find 5 times any even number by taking half of the number and then adding a zero to the end.**

S1B 26:15-27:50; 31:00-31:40 (problem statement)

**Bobby talks about patterns when multiplying by 5.**

B2 20:42-22:40 (Bobby’s thoughts on the problem)

S2 17:49 R1 until about 18:50 S2 when R1 ends with ” …Like why?”

**Why does it work?**

Approx 18:50 J2 Brian “Ankur has one” (Ankur’s analysis)

S2 19:10 -19:29

About S2 19:40 where Ankur says “Like when … to approx 20:30 where student says “you’d get the same answer”

**Nice thinking. Other thoughts?**

Around S2 20:40 R1 says “That’s beautiful …

J2 19:22 – 29:18 (Michael’s analysis)

S2 21:38 to around 22:00 where Michael finishes

**Are these statements equivalent?**

Approx S2 22:10 R1 “OK. Now the question I have …. To 22:28 after Stephanie says “Yeah. Ah, yeah.”

(students explain equivalence of 3 algebraic statements)

About J2 21:10 Angela to where she finishes around 21:50