

Commendation

Ms. Smith, I really enjoyed watching you relate factoring patterns to mental math. The students were clearly enthralled with seeing how these patterns can be used in computation, those examples clearly create interest and enthusiasm for student in learning math. Watching the students compute numbers around 100 in their head and relating to factoring was actually fun for the students. Great job!

$$102 \times 103 = 10,506 \text{ came from } (100 + 2)(100 + 3) = 10,000 + (2 + 3)100 + 6$$

$$\text{Or more generally } (100 + a)(100 + b) = 10,000 + (a + b) 100 + ab$$