Possible Number Talk Closing Scenarios

Scenario 1: Most students get a right answer, but with varying strategies, at least some are efficient… **Goal:** Exposure to multiple ways of thinking, particularly nudging students with less efficient thinking to more efficient **Suggested Teacher Language:** *Which of the strategies presented today were the most efficient? Turn and talk with your partner.* *Which strategies today took longer to get a right answer than others?* *I'd like you to quickly try _____'s strategy with this exit problem to see if it fits and results in a quick answer* (this is where you might have students try out a strategy that was presented that was very efficient with a quick, easier, exit problem).	**Scenario 2:** Most students get a right answer, but with the same strategy or inefficient ones, none are desirable **Goal:** Exposure to multiple ways of thinking, particularly nudging the class as a whole to more sophisticated thinking **Suggested Teacher Language:** *I am glad that we all agree on the right answer today. But I want us to consider efficiency. I want to show you today how _____ solved this problem* (make up a student or use your name). *_____ solved it this way….* (insert the desired strategy, i.e. making ten or using a friendly number) *I'd like you to quickly try _____'s strategy with this exit problem to see if it fits and results in a quick answer* (this is where you might have students try out the above strategy that was presented with a quick, easier, exit problem).
Scenario 3: Some students get a right answer, but there are several wrong answers as well **Goal:** Convincing ALL students of the correct answer **Suggested Teacher Language:** *Which answers were closest to the correct answer?* *Which strategies presented today led to the correct answer?* *Which strategies left the most space for error? Why is that?*	**Scenario 4:** Lots of incorrect answers, some may be very unreasonable **Goal:** Convincing ALL students of a reasonable answer **Suggested Teacher Language:** *Which of the answers presented today were the most reasonable? Least reasonable?* *What about today's problem made it more difficult? (i.e. did it involve regrouping, larger numbers, etc.)* ***NOTE: Lots of wrong answers could mean that the problem was too difficult for the Number Talk space.**