Master 31: Activity 10 Assessment
Estimating with Benchmarks

Estimating Using Benchmarks Behaviours/Strategies

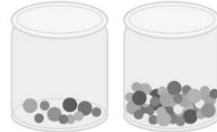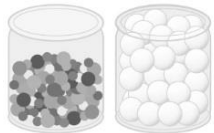|			
1. Student guesses instead of using a benchmark of 10 to estimate. "I guess 100 marbles."	2. Student counts instead of using a benchmark of 10 to estimate. "I see about 1, 2, 3, …, 10, 11, 12 marbles."	3. Student tries to use a benchmark of 10 to estimate, but struggles to visualize groups of 10 in the jar. "I don't know how many groups of 10 there are."	4. Student uses a benchmark of 10 to estimate, but does not use previous estimates to help.

Observations/Documentation

5. Student uses a benchmark of 10 to successfully estimate quantities of one size of object, but struggles when the size of the object changes. 80 80	6. Student uses a benchmark of 10 to successfully estimate quantities, but struggles to explain the strategies used.	7. Student uses benchmarks of 10, 20, and 25 to successfully estimate quantities, but is unable to explain how the estimates compare to the actual amounts.	8. Student uses benchmarks of 10, 20, and 25 to successfully compare and estimate quantities and explains strategies used.

Observations/Documentation