


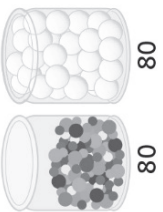


Master 27: Activity 10 Assessment

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. 	6. Student uses a benchmark of 10 to successfully estimate quantities, but struggles to explain the strategies used.	7. Student uses a benchmark of 10 to successfully estimate quantities, but is unable to explain how the estimates compare to the actual amounts.	8. Student uses a benchmark of 10 to successfully compare and estimate quantities and explains strategies used.	
Observations/Documentation				