Random m&m's



{Adapted from "Statistics in Action" by Watkins, Scheaffer, Cobb}

DO NOT TURN THIS SHEET OVER UNTIL YOU ARE TOLD TO DO SO!

Goal : Estimate the average number of m&m's per pile for the 100 piles pictured on the back.		
		ds to look at the back side of this m&m's per pile. Do not use a pencil
Guess:	_ Enter this guess on the appropriate dotplot on the board.	
•	, , , , , ,	rative of the entire population. In the dotplot on the board.
Representative Averdotplot.	age Number:	Enter on the appropriate
Compare the two distribu	itions	
Calculate the average num	•	select a SRS of 5 distinct piles. es and enter the information on the averages.
SRS 1: Average Area:		
SRS 2: Average Area:		
SRS 3: Average Area:	Plot eac	ch average on the appropriate dotplot.
SRS 4: Average Area:		
SRS 5: Average Area:		
The true average n	number of m&m's for	the 100 piles is:

What is the point of this exercise?



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