MPM 1DI UNIT 4 Day 1 (2.1/2.	MPM	1DI	UNIT	4 Day	1	(2.1)	/2.2
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Name:	
	IINIT TEST on:

QUIZ on:_	UNIT TEST on:	
Hypotheses, Sources of	Data and Sampling Principles	

Primary Da	ata: that a researcher gathers for	an experiment.
Secondary 1	Data: Data thathas already gathered purpose (usually from publications like the	for another or).
Population:	Theof people or items being studied	d.
Census:	A survey of members of a	
Sample:	Any group of people or items selected from a	·
Random Sa	ample: A sample in which of a of a	have an
_	le Random Sample: Choosing a numerate population.	mber of members
•	matic Random Sampling: Choosing members from a population.	of a population at
	ified Random sampling: Dividing a population into osing a number randomly from each	
Bias: Error	resulting from choosing a sample that does not reprepopulation.	esent the
Evamples:		

- Examples:
 - 1. Identify each data source as primary or secondary. State one advantage of each source of data.
 - a) A researcher interviews 100 employees about the length of time they spend travelling to work.
 - b) A researcher searches reference books in the library to check the value of cars made in 2017.

2.	Mrs. Bodkin wants to know what students think about purchasing their own graphing calculator for math classes. Describe 3 different methods she could use to select a random sample of 200 students. (Assume there are 1200 students at W-ODSS – 329 grade 9's, 300 grade 10's, 280 grade 11's and 281 grade 12's) a) Simple Random Sample:
	b) Systematic Random Sample:
	c) Stratified Random Sample