

Wall Seeking Behavior of Mice

buttemer/schmied/reid 2015

Purpose: I understand how to complete a comparative laboratory investigation involving mice.

Background: In this laboratory investigation mice are tested to find out if they have a preferred location in a room, which is simulated with a box.

SS = _____

MV= _____

RV = _____

CV1 = _____

CV2 = _____

UCV1 = _____

UCV2 = _____

Question: How will ... (verb?)... *Manipulated Variable Study Subject..* (either order) affect the Responding Variable ?

Prediction/Hypothesis IF (ss/mv) _____

Then (et-predict) _____

Compared to (ct) _____

Because (ss,mv,rv & why) _____

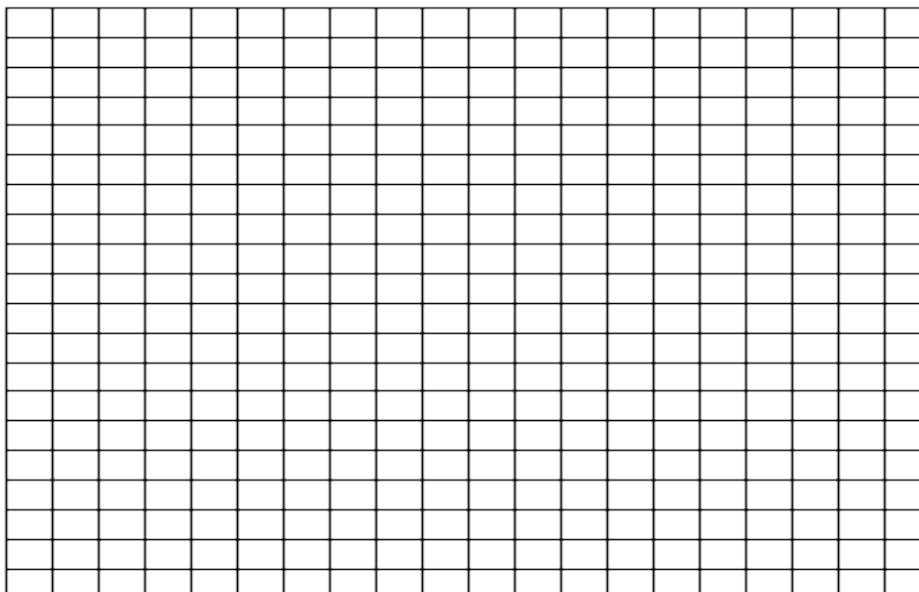
Therefore _____

Data Analysis: Use the AVERAGES from the Class Data Table to create a Bar Graph 1 below

a. Use two spaces for each corridor bar, with one between each corridor bar.

Bar Graph One - Wall Seeking Behavior of Mice

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Number of
Occurrences



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Data Table 1 - Wall Seeking Behavior of Mice						
Time	Corridor 1	Corridor 2	Corridor 3	Corridor 4	Corridor 5	Corridor 6
0:20						
0:40						
1:00						
1:20						
1:40						
2:00						
2:20						
2:40						
3:00						
3:20						
3:40						
4:00						
4:20						
4:40						
5:00						
5:20						
5:40						
6:00						
6:20						
6:40						
7:00						
7:20						
7:40						
8:00						
8:20						
8:40						
9:00						
9:20						
9:40						
10:00						
Totals						

Observer _____ Timekeeper _____

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Animal Handler _____ Recorder _____