PsychSim 5: MAZE LEARNING

Name: _____   **Section:** _____

Date: _____

This activity gives you a rat's-eye view of maze learning by allowing you to move and control a simulated rat's movements through a maze.

Which Model Fits Your Behavior?
- Take a moment to think about what approach you would use to find your way across campus, perhaps from your psychology class to some other building. Put your way-finding strategy into words.

- Does your model fit better with the chained associations model or the cognitive map model?

     ___ Chained associations

     ___ Cognitive map

Results for Maze A
- Did you feel that you were memorizing a sequence of turns, or that you were forming a cognitive map of the maze?

     ___ Sequence of turns

     ___ Cognitive map

Results for Maze B
- Compare the number of moves and the path you took in the first run with your performance in the second run. Did you get better with practice? Did you use the same strategy that you used on the Maze A, or did you try a different approach?

How Does Maze Learning Occur?
- What brain structure controls all types of spatial learning?