

Practice Quiz I

1. Design an experiment to test whether a lizard's run speed differs after receiving an electric shock. Assume that you have access to a lizard treadmill that can measure sprint speed (yes, these things really exist), two species of lizard are in plentiful supply, and you've received the permits required to conduct your research. Describe the hypothesis, independent variable(s), dependent variable(s), controlled variable(s), extraneous variable(s), and control(s). (15 points)

2. Define independent variable in one sentence. (5 points)

3. What is the major difference between the linear scientific method and the inquiry wheel? (5 points)