

Name: _____ Date: _____

Scientific Questions Bell Ringer

Instructions: Identify the questions that you think would be good testable scientific questions. Circle either good or bad and write brief explanation about why it is a good or bad testable scientific question. Bellringer

1. Do mealworms have legs? good/bad
Why? No investigation needed
2. Do mealworms eat? good/bad
Why? No investigation needed
3. Do mealworms prefer a wet environment or a dry environment? good/bad
Why? Can be counted (quantified)
4. Do mealworms swim? good/bad
Why? No investigation needed. Answer is obvious and mealworm will die.
5. Do mealworms prefer hot or cold environments? good/bad
Why? Can be counted (quantified)

When analyzing the differences between these questions, what is the main difference between a good question and a bad question? Using an investigation, we can determine what mealworms prefer that we would not otherwise be able to answer without data collected through experimentation.