Puzzle 15

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_

Iona Physics > Puzzles > Oscillator

**Click on this link:** [**http://www.ionaphysics.org/classroom/Physlets2/IonaPuzzles/Oscillator.html**](http://www.ionaphysics.org/classroom/Physlets2/IonaPuzzles/Oscillator.html)

**Challenge: Measure the period of the oscillator as accurately as you can.**

Type your answers to these questions on a piece of paper and bring it to the next class.

1. What measurements do you need to make in order to measure the period of the oscillator? (What do you need to measure?) This requires a bit of thought: How can you make your answer more accurate?
2. Describe the procedure you used in order to make the measurement.
3. State your conclusion: The period of the oscillator was found to be \_\_\_\_\_\_\_\_\_\_\_and the code number was\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Conclusion:

Report your data online by clicking this link:

<https://drive.google.com/open?id=1wFNs2KVplhXeiXfGVv5d4EZMvqc_rlx0xN_-KInVFjA>