

## 3.6: Questions

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1. What is the affect of changing pendulum length on the frequency of motion?
  2. What is the affect of changing mass on the pendulum's frequency of motion?
  3. What is the affect of changing mass on the spring's frequency of motion?
  4. Based on established theory, if this exercise had been repeated on the moon, would you expect the frequencies noted in Table 1 to be higher, lower, or the same?
  5. What are the some of the possible sources of experimental error in this exercise and how might they be reduced?
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