“Homonyms” are either *homophones* which are words that *sound* alike, but have different meanings and spellings, or *homographs* which are words that are *spelled* the same, but have different meanings and may have different pronunciations. This quiz is to familiarize you with a few homonyms pertinent to scientific writing.

1. **Effect / Affect**

   The _____________ impacts the conclusions of the test. However, the source of noise does not _____________ the measurement. The laser was disabled to _____________ the necessary changes.

   The sampling rate _____________ the data. The overall _____________ was dramatic.

2. **Principle / Principal**

   Can the correspondence _____________ be applied to find the different terms of the _____________ spectroscopic series?"

   The high school _____________ wanted to know who the _____________ investigator was on the grant.

3. **Discreet / Discrete**

   The spectrum of the Hamiltonian has two parts: a continuous part also known as the continuum and a _____________ part, consisting of _____________ energy levels.

4. **There / Their**

   _____________ were four independent corrections to the data to bring it in line with _____________ previous results.

5. **Chose / Choose**

   We _____________ to conduct an independent survey where respondents could _____________ the correct answer from a list of ten options.

6. **Counsel / Council**

   We sought _____________ from the members of the _____________.