

Example 1

To collect data on the treatments, we measured the growth and color of each plant weekly during the five-week experimental period. Measurements were taken at the middle to end of each week. After the growing period, the plants were harvested. Each pot was harvested separately, the plants carefully removed as a group and the root ball washed to remove all vermiculite particles. The plants were then dried to eliminate excess water, and a wet weight of shoot and root were taken for each pot. The data were averaged by pot, treatment and week and the weekly treatment means were analyzed using a t-test comparison in Excel Spreadsheet to determine if any significant data was collected. Data significance would be determined by demonstrating a difference in the effect of varying Rhizobium concentration on plant growth and mass.

Example 2

This method of determining densities was accurate to within 2% for methanol and to within 1% for water. Limitations on the precision of the determination were the ability of the experimenter to correctly fill the volumetric flask, the accuracy of the flask itself, and the accuracy of the balance. The balance is accurate to 0.0001 g out of 19 g (0.0005%) and the flask is accurate to 0.02 mL out of 10 mL (0.2%). Since both of these values are less than the discrepancy between the experimental and literature density values in this experiment, they were not the limiting factors in the precision of results. Possible error by the experimenter that would account for the experimental precision being less than expected are not filling the flask to the mark properly or having droplets of liquid in the neck of the flask or on the outside of the flask. Handling the flask with bare hands could have introduced an error in the mass by adding fingerprints. Finally, the densities of liquids vary slightly with temperature and this could account for the discrepancy between the experimental results and literature values. If the temperature in the lab was not 25 °C, the true values of the densities of the liquids may have differed from the literature values for 25 °C.

Example 3

In Ghisi's engraving of Raphael's School of Athens, the world's ancient philosophers are gathered in a great hall, almost as if they were actors on a stage. While they engage in animated interactions with one another, the viewer is left standing outside the picture space, slightly below the eye-level of the engraving's figures. A sense of veneration is almost demanded by the composition, with the lines from the vaulted ceiling, the tiled floor, and the upper window all converging to one vanishing point creates a sense of balance between their two philosophies, a symbolic merging of two great minds, it also emphasizes the distance between the historical figures and the viewer, particularly in Raphael's original, which looms several feet over the viewer's head.

Example 4

Since the addition of the new ice-skating rink and the remodeled outdoor theater, the park has become more attractive than ever before. The gleaming ice water adds elegant shine to the park while the newly painted red poles of the stage make the park stand out a mile away. During the winter, the ice-skating rink in the park attracts hundreds of people and tourists. Occasionally, I'll step into the ice-skating rink and show off my skills. Of course, the skills I refer to are not so great. While gliding on the think ice, I can be described as a vicious tornado with uncontrollable velocity, which destroys everything in its path. Meanwhile, I also breath in the cold and crisp air, listening to the sounds of laughter, and enjoying the company of nature. During the summer, the outdoors Shakespearean Theater in the park provides non-stop entertainment week by week. Once in a while, I'll stop by the theater and enjoy the outdoor weather as well as the plays and the orchestras. The rhythm and the tone of the music capture my undivided attention, then I'll try to create a harmonious symphony by blending the tone of the music and the tone of nature together. These hardly procurable pleasures unlocks my ever-trapping freedom and relieves my deep stressing mind.

Example 1: Biology report

Example 2: Chemistry laboratory notebook

Example 3: Art History paper

Example 4: First-year composition paper