



Practice – Part 1

Instructions: Answer each of the following practice questions on a separate piece of paper. Step by step solutions are provided under the Solutions tab. You will learn the material more thoroughly if you complete the questions before checking the answers under the Solutions tab in Moodle.

1. State the precision and uncertainty for each of the following measurements.

Measurement Tool	Measurement	Precision	Uncertainty
thermometer	36°C		
micrometer	1.52 mm		
stopwatch	8.2 s		

2. Which task requires more precision: timing an Olympic speed skater or measuring the time it takes to travel from Edmonton to Calgary?
3. State the measurements and uncertainties shown in the following devices.
 - a. A multimeter is used to measure the voltage in volts.



- b. A blood pressure monitor records pressure in mmHg.

