

---

PLEASE SUBMIT YOUR WORK THROUGH GOOGLE CLASSROOM

---

1. **Review Lecture 3 “Metric System”.**

2. **Put in the order of increasing length (pay attention to units!):**

0.07 millimeters (mm), 98765 nanometers (nm), 0.004 meters (m), 35 centimeters (cm)

3. **Put in the order of decreasing mass (pay attention to units!):**

2930 micrograms ( $\mu\text{g}$  or mkg), 19 milligrams (mg), 850 grams (g), 0.062 kilograms (kg)

4. **Review Lecture 4 “Conversion of Units”.**

5. **Convert:**

A) **990 pounds** (the weight of a Concert Grand Piano by Steinway) **to kilograms**

B)  **$-130^{\circ}\text{F}$**  (the lowest natural temperature ever directly recorded at ground level on Earth) **to  $^{\circ}\text{C}$  and K**

C) **30 microliters** (the volume of a typical raindrop) **to gallons**

D) **40,075 km** (the length of the Earth’s equator) **to miles**