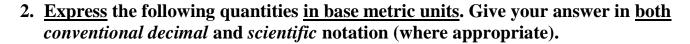
SCIENCE 2019/2020 HOMEWORK #5

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1. Review Lecture 4 "Metric System" on the school website homework page.



- A) 4.2 kilograms (kg)
- **B**) 293 micrograms (μg or mkg)
- C) 0.67 millimeters (mm)
- **D**) 75 nanoliters (nL)
- 3. Review Lecture 5 "Conversion of Units" on the school website homework page.
- 4. Convert (use scientific notation where appropriate):
  - A) 990 pounds (the weight of a Concert Grand Piano by Steinway) to kilograms
  - B) -130°F (the lowest natural temperature ever directly recorded at ground level on Earth) to °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