

name \_\_\_\_\_

## Quiz 1

1. X-rays are a form of

- a) ionizing radiation
- b) molecule
- c) quark
- d) proton

\_\_\_\_\_ a \_\_\_\_\_

2. A unit used to measure the quantity of radiation absorbed per quantity of tissue (absorbed dose) is

- a) Gray
- b) meter
- c) kilogram
- d) Sievert

\_\_\_\_\_ a \_\_\_\_\_

3. A unit used to measure the harmfulness of humans of a dose of radiation (biologically equivalent dose) is

- a) Sievert
- b) joule
- c) coulomb
- d) Newton

\_\_\_\_\_ a \_\_\_\_\_

4. A man absorbs 5 Sieverts of X-ray radiation. What happens to him?

- a) headache
- b) death in a few days
- c) constipation
- d) jaundice

\_\_\_\_\_ b \_\_\_\_\_

5. Express 789,321 in scientific notation

\_\_\_\_\_  $7.89321 \times 10^5$  \_\_\_\_\_