

**Lesson 4 Reading Review Exercise**

A. Fill in the blanks below.

1. Name three sources of natural background radiation.

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2. Name three sources of human-made radiation.

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B. Indicate whether each statement is true (T) or false (F) by circling the correct letter. If the statement is false, correct it to make it true.

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|--|---|---|
| 1. Radiation exists in nature.   | T | F |
| 2. Unstable isotopes can change from one form to another by emitting particles and rays.   | T | F |
| 3. People who live at sea level are exposed to more background radiation than people who live at high altitudes.                 | T | F |
| 4. High energy electromagnetic radiation is called non-ionizing radiation.   | T | F |
| 5. We are exposed to radiation from the food we eat and the water we drink.  | T | F |
| 6. The average American receives 6.2 millisieverts (620 millirem) each year.   | T | F |
| 7. Background radiation includes radiation from rocks and soils, space, the food we eat and water we drink, and medical imaging. | T | F |
| 8. Where we live affects our exposure to ionizing radiation.   | T | F |
| 9. Most of the radiation the average American is exposed to comes from nuclear power plants.                                     | T | F |
| 10. Having an x-ray to see if your arm is broken exposes you to radiation.   | T | F |