

ISOLATION TEAM: Write the number of the definition in the box that corresponds to the letter of the vocabulary term. Your answers are correct when the rows and columns add up to 34.

- |             |                      |                  |
|-------------|----------------------|------------------|
| a. average  | g. Geiger counter    | l. meteoroid     |
| b. balance  | h. grams             | m. radioactivity |
| c. cpm      | i. isolation chamber | n. robotic arm   |
| d. density  | j. mL                | o. sensor        |
| e. estimate | k. mass              | p. volume        |
| f. filter   |                      |                  |

1. The number of radioactive particles striking the sensor of a Geiger counter during each minute.
2. A small, rocky object in interplanetary space that is smaller than an asteroid or planet.
3. A unit of measurement of mass.
4. The part of a measuring instrument which responds directly to changes in the environment.
5. A mechanical device which performs automated tasks according to human supervision.
6. To assess the dimensions of an object, series of objects or condition without applying a standard scale or measuring device.
7. An airtight, sealed work area.
8. An instrument used to determine mass
9. A natural property of some materials that causes them to emit sub-atomic particles.
10. A device used to remove impurities from the air.
11. An abbreviation used to mean a thousandth of a liter.
12. Sum of the given set of numbers divided by the quantity of numbers.
13. The mass of substance with a given volume.
14. The amount of matter in an object.
15. A device used to measure radioactivity.
16. The amount of space an object takes up.

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|----|----|----|----|
| a. | b. | c. | d. |
| e. | f. | g. | h. |
| i. | j. | k. | l. |
| m. | n. | o. | p. |