

Reading for the Real World Intro - Unit 8

Name _____

I. Vocabulary: Choose the best word to fill in the blank.

1. Jack fell off his bike, _____ breaking his arm.
 - a. thereby
 - b. nationally
 - c. spherically
 - d. innovatively

2. When one business creates a successful product, others will try to _____ that product.
 - a. replicate
 - b. assign
 - c. rocket
 - d. spin

3. In the _____ of athletic shoes, Nike is a very influential brand.
 - a. orbit
 - b. aviation
 - c. sphere
 - d. lab

4. Sharon _____ her height advantage to earn a spot on the basketball team.
 - a. insulated
 - b. utilized
 - c. donated
 - d. pioneered

5. Pluto orbits the sun far away at the _____ edge of the solar system.
 - a. outer
 - b. crystal
 - c. ecological
 - d. urine

II. Cloze Test

Questions 6 - 10

Many opponents of government spending on space programs might not know that missions into _____ (6) _____ space have helped improve the quality of life here on Earth. NASA's _____ (7) _____ have produced various technologies that we now find around us every day. These items are called "spin-offs." Some of these technological _____ (8) _____ have _____ (9) _____ benefits. In the 1990s, for instance, NASA was trying to build unmanned, solar-powered aircraft that could fly for days. These machines required light and efficient solar panels. Engineers on the project developed the single-crystal silicon solar cell. These efficient cells are now widely used for clean power in homes and businesses. In addition, homeowners can save energy by _____ (10) _____ a light, thin insulation that was first developed for use in space. Thin insulation is more energy efficient than traditional insulation, so it helps to reduce the amount of greenhouse gases needed to heat homes.

- | | |
|---|--|
| <p>6. a. aviation
 b. bacteria
 c. solar
 d. outer</p> | <p>9. a. petroleum
 b. rocket
 c. donated
 d. ecological</p> |
| <p>7. a. orbits
 b. nationalism
 c. labs
 d. sphere</p> | <p>10. a. replicating
 b. utilizing
 c. assigning
 d. docking with</p> |
| <p>8. a. innovations
 b. arenas
 c. pioneers
 d. boundaries</p> | |

III. Reading Comprehension: Based on the reading in section II, put the information below into the correct columns.

<p style="text-align: center;">Lead to spin-offs that help people every day</p> <p>a. Create clean power in homes b. Single-crystal silicon solar cells developed</p>	<p>c. Thin, light insulation created for spacecraft d. Less greenhouse gas burned e. NASA scientists develop technology for space</p>
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Cause	Effect
11. _____ →	Lead to spin-offs that help people every day
12. _____ →	14. _____ and businesses
13. _____ →	15. _____ to heat homes

IV. Word Study: Match the word to its definition.

- a. assignment
- b. bacteria
- c. crystal
- d. donor
- e. ecological

- 16. ___ relating to the relationships between living things and their environment
- 17. ___ a substance that has a uniform structure and is formed when the substance turns into a solid
- 18. ___ a job or duty that is given to someone
- 19. ___ a person or organization that gives something, such as money
- 20. ___ very small living things that often cause disease

V. Fill in the blank with the correct word.

nationalism lab innovation pioneer boundary

- 21. Being one of the first women in her field, Margaret Mead was a _____ of anthropology.
- 22. Guard dogs patrol the _____ of the electronics warehouse.
- 23. A sense of _____ urges people to cheer for athletes from their own country.
- 24. The students are conducting an experiment in the chemistry _____.
- 25. When IBM added a touchscreen to a cell phone, the resulting _____ became known as the smartphone.

1	2	3	4	5
a	a	c	b	a
6	7	8	9	10
d	c	a	d	b
11	12	13	14	15
e	b	c	a	d
16	17	18	19	20
e	c	a	d	b
21	22	23	24	25
pioneer	boundary	nationalism	lab	innovation