**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.
   1. thereby
   2. nationally
   3. spherically
   4. innovatively
2. When one business creates a successful product, others will try to \_\_\_\_\_\_\_\_\_\_\_\_\_ that product.
   1. replicate
   2. assign
   3. rocket
   4. spin
3. In the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ of athletic shoes, Nike is a very influential brand.
   1. orbit
   2. aviation
   3. sphere
   4. lab
4. Sharon \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ her height advantage to earn a spot on the basketball team.
   1. insulated
   2. utilized
   3. donated
   4. pioneered
5. Pluto orbits the sun far away at the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ edge of the solar system.
   1. outer
   2. crystal
   3. ecological
   4. 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.

6. a. aviation 9. a. petroleum

b. bacteria b. rocket

c. solar c. donated

d. outer d. ecological

7. a. orbits 10. a. replicating

b. nationalism b. utilizing

c. labs c. assigning

d. sphere d. docking with

8. a. innovations

b. arenas

c. pioneers

d. boundaries

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

|  |  |
| --- | --- |
| ~~Lead to spin-offs that help people every day~~  a. Create clean power in homes  b. Single-crystal silicon solar cells developed | c. Thin, light insulation created for spacecraft  d. Less greenhouse gas burned  e. NASA scientists develop technology for space |

|  |  |
| --- | --- |
| **Cause** | **Effect** |
| 11. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ →  12. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ →  13. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ → | ~~Lead to spin-offs that help people every day~~  14. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and businesses  15. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to heat homes |

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

a. assignment

b. bacteria

c. crystal

d. donor

e. ecological

1. \_\_\_ relating to the relationships between living things and their environment
2. \_\_\_ a substance that has a uniform structure and is formed when the substance turns

into a solid

1. \_\_\_ a job or duty that is given to someone
2. \_\_\_ a person or organization that gives something, such as money
3. \_\_\_ very small living things that often cause disease

### **V. Fill in the blank with the correct word.**

|  |
| --- |
| nationalism lab innovation pioneer boundary |

1. Being one of the first women in her field, Margaret Mead was a \_\_\_\_\_\_\_\_\_\_\_\_\_ of

anthropology.

1. Guard dogs patrol the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the electronics warehouse.
2. A sense of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ urges people to cheer for athletes from their own

country.

1. The students are conducting an experiment in the chemistry \_\_\_\_\_\_\_\_\_\_\_\_\_.
2. 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 |