**Reading for the Real World 3 - Unit 8**

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

1. Harry always had trouble \_\_\_\_\_\_\_\_\_\_\_\_ his thoughts until he took a class in public speaking.
   1. theorizing
   2. radiating
   3. replicating
   4. articulating
2. Your smile is \_\_\_\_\_\_\_\_\_\_\_\_ to a star because they both shine brightly.
   1. persistent
   2. comparable
   3. hypothetical
   4. cosmic
3. The house was so clean that I couldn’t find even one tiny \_\_\_\_\_\_\_\_\_\_\_\_ of dust.
   1. particle
   2. milestone
   3. debris
   4. bullet
4. \_\_\_\_\_\_\_\_\_\_\_ from the sun can cause skin cancer in people.
   1. Aliens
   2. Theorists
   3. Cosmology
   4. Radiation
5. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_ of snow during the ice age produced glaciers more than a kilometer deep.
   1. mobility
   2. accumulation
   3. calculation
   4. ample

### **II. Cloze Test**

**Questions 6 - 10**

In addition to helping explore the universe beyond our planet, the ISS also has important work to do closer to home. Some scientists have proposed equipping the station with a powerful laser—not for blasting asteroids or hostile (6) , but for removing space trash. An (7) of as much as 3,000 tons of junk is already in Earth’s orbit, some traveling at speeds over 20,000 miles per hour, over ten times faster than the average \_\_\_\_(8) . As accurately dramatized in the 2013 movie *Gravity*, collisions with even tiny \_\_\_\_(9) of space trash can cause a serious danger to satellites, the ISS itself, and other spacecraft. Telescopes on the station could detect tiny pieces of (10) in orbit and target a laser to deflect the course of the junk down into the atmosphere, where it would burn up. Japanese researchers plan to test such a system on the ISS. “We may finally have a way to stop the headache of rapidly growing space debris that endangers space activities,” project leader Toshikazu Ebisuzaki said.

6. a. rays 9. a. chunks

b. asteroids b. black holes

c. aliens c. stations

d. theorists d. astronauts

7. a. manifestation 10. a. milestones

b. calculation b. debris

c. accumulation c. dark matter

d. replication d. spectrometers

8. a. atom

b. particle

c. bullet

d. radiation

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

|  |  |
| --- | --- |
| ~~Space debris can travel more than 20,000 miles per hour.~~   1. A powerful laser 2. More than 3,000 tons of space trash | 1. Explore the universe beyond Earth 2. Telescopes 3. Protect spacecraft and satellites in orbit |

|  |  |  |
| --- | --- | --- |
| **A. Purposes** | **B. Dangers** | **C. Equipment** |
|  | Space debris can travel more than 20,000 miles per hour |  |

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

a. proposed but not proven

b. a jagged or random-shaped piece

c. a person who forms th

eories

d. a narrow stream of radiation

e. a very small part of matter

1. ray \_\_\_
2. theorist \_\_\_
3. chunk \_\_\_
4. atom \_\_\_
5. hypothetical \_\_\_

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

|  |
| --- |
| calculation aliens bullets manifestations ascertain |

1. The police found a lot of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ at the scene of the bank robbery.
2. A runny nose and a sore throat are both \_\_\_\_\_\_\_\_\_\_\_\_\_\_ of a cold or flu.
3. People have always imagined meeting \_\_\_\_\_\_\_\_\_\_\_\_ from other planets.
4. We need to \_\_\_\_\_\_\_\_\_\_\_ the costs before we commit to a vacation in Europe.
5. The \_\_\_\_\_\_\_\_\_\_\_\_ for this math problem is very long and complex.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 |
| d | b | a | d | b |
| 6 | 7 | 8 | 9 | 10 |
| c | c | c | a | b |
| 11 | 12 | 13 | 14 | 15 |
| C | B | A | C | A |
| 16 | 17 | 18 | 19 | 20 |
| d | c | b | e | a |
| 21 | 22 | 23 | 24 | 25 |
| bullets | manifestations | aliens | ascertain | calculation |