Science Test – Chapter 7 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| 1. \_\_\_\_ application satellites | 1. A satellite which is used mainly for scientific study |
| 1. \_\_\_\_ geostationary | 1. The orbit of a satellite which stays over the same spot on the earth’s surface by orbiting the earth once every twenty-four hours in the same direction as the earth’s rotation |
| 1. \_\_\_\_ ICBM | 1. A device that moves by pushing material (usually hot gases) out its end |
| 1. \_\_\_\_ polar orbit | 1. The orbit of a satellite above the earth’s equator that completes an orbit every twenty-four hours, thus remaining over the same point on the earth |
| 1. \_\_\_\_ probe | 1. A satellite that is used for specific, useful purposes such as weather prediction, communications, navigational references, and survey instruments |
| 1. \_\_\_\_ rocket | 1. Intercontinental ballistic missile; a guided missile of extreme range |
| 1. \_\_\_\_ satellite | 1. A segment of a larger rocket made by stacking two or more smaller rockets |
| 1. \_\_\_\_ scientific satellites | 1. An orbit in which an earth satellite passes over or near the earth’s poles |
| 1. \_\_\_\_ stage | 1. An object which orbits another, usually larger, object |
| 1. \_\_\_\_ synchronous orbit | 1. A space vehicle that is not placed into orbit but is used to explore regions of space |

True or false: Determine whether each statement is true or false.

1. \_\_\_\_ A weather satellite is a type of application satellite.
2. \_\_\_\_ A GPS system is able to determine your location to within 17.8 m.
3. \_\_\_\_ The Japanese were the first group of people to use rockets for defense.
4. \_\_\_\_ Propane was used to propel most early rockets.
5. \_\_\_\_ Robert Goddard is known as the father of the modern rocket.
6. \_\_\_\_ The first USA satellite was the *Explorer I*.
7. \_\_\_\_ John Glenn was the first American in space.
8. \_\_\_\_ Yuri Gagarin was the first man ever in space.
9. \_\_\_\_ Neil Armstrong and Alan Shepherd were the first two men to walk on the moon.
10. \_\_\_\_ Some probes can be classified as satellites.

Multiple choice: Determine which option is the best option.

1. \_\_\_\_\_ Who developed the liquid-fuel rockets?
   1. Yuri Gagarin
   2. William Hale
   3. Robert Goddard
   4. Neil Armstrong
2. \_\_\_\_\_ All of the following are purposes of application satellites except…
   1. Weather prediction
   2. Communications
   3. Navigation
   4. Computer programming
3. \_\_\_\_\_ Lunar probes study what?
   1. Planets
   2. Stars
   3. The earth
   4. The moon
4. \_\_\_\_\_ Which country put a man in orbit first?
   1. Russia
   2. USA
   3. China
   4. England
5. \_\_\_\_\_ Which country put a man on the moon first?
   1. Russia
   2. USA
   3. China
   4. England
6. \_\_\_\_\_ Who invented the V-2 rockets?
   1. William Hale
   2. Robert Goddard
   3. Wernher von Braun
   4. Edwin Aldrin