

Name: \_\_\_\_\_

## Space Transportation Systems Chapter 14

### KEY WORDS

**Directions:** Read though chapter 14 and define the following terms.

Apogee

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Exosphere

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Jet Pack

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Launching Pad

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Manned Vehicles

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Mesosphere

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Orbit

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Outer Space

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Perigee

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Skylab

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Spacecraft

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Stratosphere

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Thermosphere

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Thrust

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Troposphere

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Unmanned Vehicles

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Weightlessness

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## TEST YOUR KNOWLEDGE

**Short Answer:** Write your answer in the space provided

1. What was the name of the first successful satellite to orbit the earth?

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2. When is a spacecraft said to be in orbit?

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3. What is the main purpose for a space probe?

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4. What is the name of the first American satellite launched into space?

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### True or False

5. The farthest point away from the earth in the elliptical path of an orbit is known as a perigee. True or False

6. The space shuttle was used to carry Apollo 11 to the moon. True or False

7. Where there is a vacuum, there is sound-such as in space. True or False

### Matching

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|-----------------------|---|
| 8. ____ Troposphere   | A. A region that contains an ozone layer              |
| 9. ____ Stratosphere  | B. Six miles from the earth's outer surface.          |
| 10. ____ Mesosphere   | C. An absence of water vapor and clouds.              |
| 11. ____ Thermosphere | D. A region beyond the atmosphere.                    |
| 12. ____ Exosphere    | E. No sound is transmitted.                           |
| 13. ____ Outer Space  | F. Outer region of the atmosphere before outer space. |