



# Solar System

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

Date: \_\_\_\_\_

Grade: Grade 5

## Part A: Fill in the Blank

Write the missing word or number on each line.

1. The Sun's \_\_\_\_\_ keeps all eight planets traveling in their orbits.
2. Planets travel around the Sun in oval-shaped paths called \_\_\_\_\_ orbits.
3. The asteroid belt is located between the orbits of Mars and \_\_\_\_\_ .
4. A \_\_\_\_\_ is an icy body that develops a glowing tail as it approaches the Sun.
5. Pluto was reclassified as a \_\_\_\_\_ planet in the year 2006.
6. Planets closer to the Sun orbit \_\_\_\_\_ than planets farther away.
7. A moon is a natural \_\_\_\_\_ that orbits a planet instead of the Sun.
8. The distance from Earth to the Sun is about 93 million \_\_\_\_\_ or one astronomical unit.
9. The Sun is a \_\_\_\_\_ made mostly of hydrogen and helium that produces heat and light.

## Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Asteroid belt

→ \_\_\_\_\_

Orbits the Sun but has not cleared its orbital neighborhood

Comet

→ \_\_\_\_\_

Region of rocky debris between Mars and Jupiter

Dwarf planet

→ \_\_\_\_\_

Natural satellite that orbits around a

## Answer Key · Solar System · Grade: Grade 5

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### Part A: Fill in the Blank

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Write the missing word or number on each line.

1. The Sun's gravity keeps all eight planets traveling in their orbits.
2. Planets travel around the Sun in oval-shaped paths called elliptical orbits.
3. The asteroid belt is located between the orbits of Mars and Jupiter .
4. A comet is an icy body that develops a glowing tail as it approaches the Sun.
5. Pluto was reclassified as a dwarf planet in the year 2006.
6. Planets closer to the Sun orbit faster than planets farther away.
7. A moon is a natural satellite that orbits a planet instead of the Sun.
8. The distance from Earth to the Sun is about 93 million miles or one astronomical unit.
9. The Sun is a star made mostly of hydrogen and helium that produces heat and light.

### Part B: Matching

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Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Asteroid belt	→	<u>Region of rocky debris between Mars and Jupiter</u>	Orbits the Sun but has not cleared its orbital neighborhood
Comet	→	<u>Icy body that develops a bright tail near the Sun</u>	Region of rocky debris between Mars and Jupiter
Dwarf planet	→	<u>Orbits the Sun but has not cleared its orbital neighborhood</u>	Natural satellite that orbits