— END-OF-UNIT ASSESSMENT —

SOLAR SYSTEM UNIT

NAME _____

DATE _____

/ 30 TOTAL

PART 1 · MATCH THE PLANET

/ 8

Draw a line from each fact to the planet it describes.

1. The smallest planet, closest to the Sun
2. The hottest planet, with thick clouds of carbon dioxide
3. The only planet known to have life
4. The Red Planet — has the biggest volcano in the solar system
5. The largest planet, with a 350-year-old storm called the Great Red Spot
6. The planet famous for its bright rings, with 292 moons
7. The planet tipped over on its side
8. The farthest planet from the Sun, with the fastest winds (2,100 km/h)

- Mercury
- Venus
- Earth
- Mars
- Jupiter
- Saturn
- Uranus
- Neptune

PART 2 · TRUE OR FALSE

/ 5

Write T (true) or F (false) on the line beside each statement.

___ Mercury has more moons than Earth.

___ A day on Venus is longer than a year on Venus.

___ Saturn would float in water if you had a big enough bathtub.

___ Neptune was discovered before Uranus.

___ Earth is in the "Goldilocks zone" — not too hot, not too cold for liquid water.

PART 3 · SHORT ANSWER

/ 6

Answer each question in 1–2 sentences.

1. Why is Venus hotter than Mercury, even though Mercury is closer to the Sun? **(2 marks)**

2. Name two ways scientists are exploring Mars right now. **(2 marks)**

3. Why is Earth's magnetic field important for life? **(2 marks)**

PART 4 · ORDER THE PLANETS

/ 8

Number the planets 1–8 in order from closest to the Sun (1) to farthest (8).

___ Saturn	___ Earth	___ Neptune	___ Mercury
___ Jupiter	___ Venus	___ Uranus	___ Mars

PART 5 · YOUR FAVORITE PLANET

/ 3

Pick one planet you found most interesting in this unit. In 3–4 sentences, explain why.