

Solar System

School: _____

Team Number: _____

Names: _____

#5 is the Tiebreaker Question. However, your score on that question will count to your overall score, so it will not just be used to break ties. If the score on #5 is the same, then #4 will be the second tiebreaker, followed by #7.

Score: _____/90

Answer Sheet

1. Kepler's Laws

- a. _____

- b. _____

- c. _____
- d. Total Mass: _____ Individual Masses: _____

2. Eclipses

- a. _____

- b. _____

- c. _____

- d. _____
- e. During a total solar eclipse, the [photosphere, chromosphere, corona, and prominences]
(Select all that apply.) become(s) more visible because the _____ is covered.
- f. _____

3. Mercury

- a. _____
- b. _____

Answer Sheet

c. _____

d. _____

e. _____

f. _____

g. _____

h. _____

4. The Moon

a. _____

b. _____

c. _____

d. _____

e. _____

f. Fission Hypothesis: _____

Condensation Hypothesis: _____

Answer Sheet

Caputure Hypothesis: _____

g. _____

5. Comparing and Contrasting Mercury and the Moon

a. _____

b. _____

c. _____

6. Venus

a. _____

b. _____

c. _____

d. _____

e. _____

f. _____

g. _____

h. _____

i. _____

j. _____

Answer Sheet

7. Mars

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____
- _____
- f. _____
- g. _____
- _____
- _____
- _____
- _____
- _____
- _____
- h. _____
- i. _____
- j. _____
- k. _____
- l. _____
- m. _____

8. Deimos and Phobos

- a. _____
- b. _____
- _____
- _____
- c. _____
- _____
- _____

Answer Sheet

d. _____

9. Io

a. _____

b. _____

c. _____

10. Asteroid Belt

a. _____

b. _____

c. _____

d. _____

e. _____