**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Nova: The Pluto Files**

1. Mercury, Venus, Earth, and Mars are the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ planets.

2. Jupiter, Saturn, Uranus, and Neptune are the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. How many planets were on display at the Hayden Planetarium? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Children in which grade sent him hate mail? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Where did Dr. Tyson travel to first? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. Match the object in the solar system to its scale model object:

\_\_\_\_ sun a. blue marble

\_\_\_\_ Mercury b. kick ball

\_\_\_\_ Venus c. 8-foot weather balloon

\_\_\_\_ Earth d. bead

\_\_\_\_ Mars e. ball bearing

\_\_\_\_ Jupiter f. rubber ball

\_\_\_\_ Saturn g. bocce ball

\_\_\_\_ Uranus h. bowling ball

\_\_\_\_ Neptune i. gum drop

\_\_\_\_ Pluto k. croquet ball

7. Pluto is so small, that it would only stretch from California to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. What shape is Pluto? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. How many moons does Pluto have? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10. The temperature on Pluto can reach \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ degrees below zero.

11. Lowell built a telescope and searched for Pluto. Did he ever find it? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12. Clyde Tombaugh found Pluto, which was named Planet \_\_\_\_\_\_\_\_\_\_\_

13. Who came up with the name “Pluto”? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

14. Is there any direct evidence that Walt Disney named Mickey Mouse’s dog Pluto after the

planet? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15. Clyde Tombaugh was from what state? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16. Copernicus stated that the Earth and moon circle the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17. Uranus was almost named \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18. Did Clyde Tombaugh go to college before discovering Pluto? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

19. What covered the eyepiece on Tombaugh’s telescope? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

20. Several other planet-like objects have been found in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Belt.

21. The IAU had never written a definition for the word \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

22. When they adopted the new definition, it meant \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ was no longer a planet.

23. Which states have passed laws stating Pluto is a planet? \_\_\_\_\_\_\_\_\_\_\_\_ & \_\_\_\_\_\_\_\_\_\_\_\_\_

24. Pluto is now classified as a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

25. When is New Horizons set to arrive at Pluto? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

26. When it gets to Pluto, how long will it take to send a message to it? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

27. What is on the New Horizons besides technical instruments? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

28. How many planets outside our solar system have been discovered? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_