

# Pluto

## Worksheets

NAME: \_\_\_\_\_

### CENTURIES-LONG ORBIT

Pluto takes 248 years to complete one full orbit around the Sun. During this journey, the orbit of Pluto ranges in distance from the Sun following an elliptical path.

Plan for a highly elliptical orbit around the sun. What does it look like? Draw the solar system below and highlight Pluto's unusual orbit.



NAME: \_\_\_\_\_

### PLU-TATISTICS

NASA's New Horizons mission is the first probe to study Pluto, its moons, and other worlds within the Kuiper Belt up close. It was launched in 2006, and successfully made its closest approach to Pluto on 2015.

Fill in the details rediscovered by New Horizons while orbiting Pluto.

Pluto's average distance from the sun \_\_\_\_\_

Pluto's Perihelion (closest approach to the sun) \_\_\_\_\_

Pluto's Aphelion (farthest distance from the sun) \_\_\_\_\_

Pluto's atmospheric composition \_\_\_\_\_



NAME: \_\_\_\_\_

### GOD OF THE UNDERWORLD

Plutonium is named after Pluto, the Roman god of the underworld. Write five short facts about him and illustrate his appearance according to the Roman legends. Be creative!

Who is Pluto? Write five short facts about him and illustrate his appearance according to the Roman legends. Be creative!

Draw Pluto here!

