



Moon, Mars, and ISS

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Name _____

Date _____ Period _____ Exercise# _____

Outer Planets Student Worksheet

Now that you are up to speed on the inner Planets, it is time to turn your attention to the Outer Planets. This worksheet has three assignments.

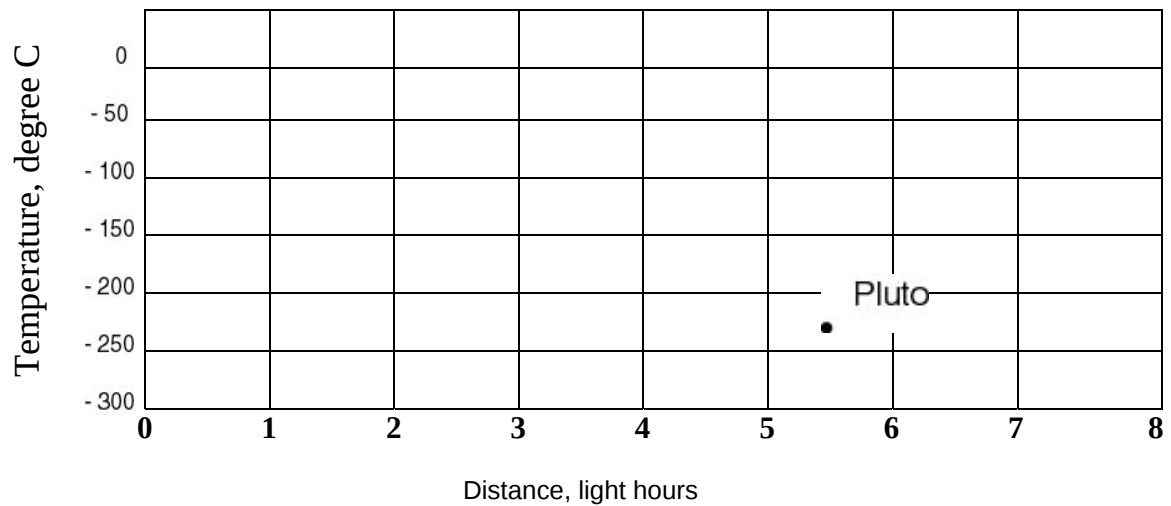
Fill in the table. The information is in your textbook or handout on pages 450-470.

	Jupiter	Saturn	Uranus	Neptune	Pluto
Distance from sun, Light-hours	0.72				
Period of rotation, days, hours, and minutes					
Period of revolution, Hours, days, years					
Diameter, kg					
Density, g/cm ³					
Temperature, °C					
Surface gravity, % of earth					
Name of key Moons					

2) In the space below draw a picture of each one of the five outer planets; Jupiter, Saturn, Uranus, Neptune, and Pluto.

Jupiter	Saturn
Uranus	Neptune
Pluto	

3) As the distance from the sun increases, the surface temperature decreases. Use the chart below to graph the temperature as a function of distance from the sun. Near each data point write the name of the planet. See the example for Pluto. It is 5.5 light hours away from the sun and the surface temperature is -236°C .



4) Imagine that we discovered a planet called “Planet X”, past Pluto at 7 light years away from the Sun. What do you predict the temperature to be on Planet X? (Hint...use the graph).