

Study Guide

Part 1

Name: _____

Hour: _____

Solar System Scale and Size

You are visiting your aunt and uncle, who own a junkyard, and wanted to share what you have learned about the solar system with them. They did not have any solar system models around, so you decided to make one using the materials available. For each body in the solar system, select one tire as a representation of their size in relationship to each other. In the justification column, explain why you believe this particular tire to be the best choice.

Solar System Body Tire Type Justification

Earth	red scooter tire	Earth is the 6 th largest object in the solar system.
Jupiter	Dump Truck Tire	Jupiter is the 2 nd largest object in the solar system.
Mars	Skateboard Tire	Mars is the 8 th largest object in the solar system.
Mercury	Hot wheel Tire	Mercury is the 9 th largest object in the solar system.
Moon	micro-machines	The moon is the 10 th largest object in the solar system.
Neptune	Kids bike Tire	Neptune is the 5 th largest object in the solar system.
Saturn	monster Truck Tire	Saturn is the 3 rd largest object in the solar system.
Sun	unroyal Tire	The sun is the largest object in our solar system.
Uranus	Semi-truck Tire	Uranus is the 4 th largest object in the solar system.
Venus	Blue scooter Tire	Venus is the 7 th largest object in the solar system.