

Science: Space - The Planets

In this report, Isaac Ford Coleman will be discovering planets. We are discovering:

[How big is the planet?](#)

[How far is the planet from the sun?](#)

[How many moons does the planet have?](#)

[How long is a day?](#)

[How long does it take to orbit the sun?](#)

How big is the planet?

What is the diameter of the planet and what is the order of planets ranked by their size - largest to smallest.

Our Hypothesis	Actual Data
Jupiter	Jupiter - 139,822 km
Neptune	Saturn - 116,464 km
Earth	Uranus - 50,724 km
Saturn	Neptune - 49,248 km
Mars	Earth - 12,756 km
Mercury	Venus - 12,104 km
Venus	Mars - 6,780 km
Uranus	Mercury - 4,780 km
Pluto	Pluto - 2,400 km

How far is the planet from the sun?

Planet	Distance (from Sun)
Mercury	57,910,000 km
Venus	108,200,000 km
Earth	149,600,000 km
Mars	227,940,000 km
Jupiter	778,330,000 km
Saturn	1,424,600,000 km
Uranus	2,873,550,000 km
Neptune	4,501,000,000 km
Pluto	5,945,900,000 km

How many moons does the planet have?

Planet	Our Hypothesis	Actual Data
Mercury	0	0
Venus	0	0
Earth	1	1
Mars	5	2
Jupiter	5	67
Saturn	0	62
Uranus	1	27
Neptune	5	14
Pluto	6	5

How long is a day?

Planet	Length of Day (in hours)
Mercury	1,408 hours
Venus	5,832 hours
Earth	24 hours
Mars	25 hours
Jupiter	10 hours
Saturn	11 hours
Uranus	17 hours
Neptune	16 hours
Pluto	153.3 hours

How long does it take to orbit the sun?

Planet	Length of Orbit (in Earth days)
Mercury	87.97 Earth days
Venus	224.7 Earth days
Earth	365.26 Earth days
Mars	686.98 Earth days
Jupiter	4,332.82 Earth days
Saturn	10,755.7 Earth days
Uranus	30,687.15 Earth days
Neptune	60,190.03 Earth days
Pluto	90,553 Earth days