

Around the Planets

The distance across a planet through its center is called its diameter. Use the table for 1–6.

Planet	Diameter (miles)	Planet	Diameter (miles)
Mercury	3,032	Jupiter	88,846
Venus	7,521	Saturn	74,897
Earth	7,926	Uranus	31,763
Mars	4,221	Neptune	30,775

- 1** Write the value of each digit 3 in the diameter of Mercury.

- 2** Which two planets' diameters have digits with a value of 3 ten thousands?

- 3** Look at the diameter of Mars. The 2 in the hundreds place is 10 times the value of the 2 in the _____ place.

- 4** Write the value of each digit in the diameter of Neptune.

_____ ten thousands

_____ thousands

_____ hundreds

_____ tens

_____ ones

- 5** The value of the digit 7 in the diameter of Earth is _____ times as many as the value of the digit 7 in the diameter of Uranus.

- 6** Look at the diameter of Jupiter. The digit 8 in the ten thousands place is 10 times as many as the digit 8 in the _____ place.