

The Planets of Our Solar System Exit Quiz – Student Edition

Analyze the given table below then answer the following questions.

	Mercury	Venus	Earth	Mars	Jupiter	Saturn	Uranus	Neptune
Radius (Earth Units)	0.382	0.949	1.0	0.272	11.19	0.46	3.98	3.81
Mass (Earth Units)	0.055	0.815	1.0	0.107	317.9	95.18	14.54	17.13
Distance from sun (AU)	0.387	0.723	1	1.524	5.203	9.539	19.19	30.06
Solar day	176 Earth days	116.8 Earth days	24 hours	24.66 hours	10 hours	11 hours	17 hours	16 hours
Orbital Period	87.969 Earth days	224.70 Earth days	365.25 Earth days	686.98 Earth days	11.8622 Earth days	29.4577 years	84.014 years	164.793 years

1. Which among the planets is closest to the sun?

2. Which planet has the longest solar day?

3. Which planet has the longest orbital period?

4. Which planet is almost 30x the distance of Earth from the sun?

5. Which among the planets has the fastest rotation?

6. Which among the planets has the fastest revolution?

7. Which is the most massive planet in the solar system?

8. Which among the planets has almost the same size as Earth?
