

Block 2 Planets

Define system.	a group of objects that work or act together
How many stars are in our solar system?	1
Why is Pluto a dwarf planet?	it no longer meets the definition of a planet
How was the asteroid belt created?	scientists believe a planet exploded and scattered the rocky pieces
What keeps the planets in orbit around the Sun?	gravity
What is the largest object in our solar system?	The Sun
Why is the Sun so important to Earth?	Without the sun there would be no life on Earth
Why can't Mercury trap heat	it's thin atmosphere doesn't hold heat
How long does it take Venus to rotate once?	243 Earth days
Is Earth the only planet with life	yes
How did Mars get it's name?	It is named after the Roman god of war
How many moons does Jupiter have?	49-63 (depending on publication)
Why is Uranus so cold?	It is very far from the Sun
What are Saturn's rings made of?	dust particles, rocks, and ice chunks
What is Neptune's largest moon?	Triton
When was Pluto declassified as a planet?	2006
How many dwarfs planets are in our solar system?	4; Xeres, Makemake, Eris, and Pluto
What are the hottest and coldest planets?	Venus is the hottest, Neptune is the coldest, but Mars is the coldest planet that we might be able to travel to.
How long would it take to travel to Mars by car (going 60 mph)?	66 years