**Earth vs. the other 7 planets** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**M**y **V**ery **E**nergetic **Mother J**ust **S**erved **U**s **N**achos

|  |  |
| --- | --- |
| Planet (Compared = similar) | Contrasted (different)  |
| Mercury* Rocky surface
* Rotates (spins) in same direction
 | * No moons
* Much smaller
* Much hotter side facing sun/colder side not facing sun
* Much closer to the Sun
* Its year (time it orbits the Sun) is much shorter (88 days)
 |
| Venus* Rocky
* About same size
 | * No moons vs. 1 moon
* Very hot
* Rotates in opposite direction
 |
| Mars* Rocky
* Has a moon
* Has mountains, volcanoes too
* 24 hr rotation
* Tilted axis too
 | * Never rains
* Very cold on Mars
* 2 moons in fact
 |
| Jupiter* Storms (Giant Red Spot)
 | * 1000 Earths = Jupiter
* Gas planet
* 2.5 times gravity
* 67 moons
 |
| Saturn* Gravity the same
 | * Winds > 1,000 mph
* Gas planet
* Floats on water, so light
* Has rings around it
 |
| Uranus | * Gas giant
* Very very cold
* Sideways rotation
* Many moons
 |
| Neptune | * Gas planet
* Many moons
* Very very cold
* Very high winds >1,500 mph
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