

Mass Relations Assignment Answer Key

	<u>Mass (kg)</u>	<u># of Earth masses</u>	<u>Gallons</u>	<u>Cups</u>	<u>Tablespoons</u>	<u>Teaspoons</u>
Sun	1.989x10 ³⁰	332982	433.6	6937	110994	332982
Mercury	3.302x10 ²³	0.0553	7.198x10 ⁻⁵	0.0012	0.0184	0.0553
Venus	4.869x10 ²⁴	0.8150	0.0011	0.0170	0.2717	0.8150
Earth	5.974x10 ²⁴	1.000	0.0013	0.0208	0.3333	1.000
Mars	6.419x10 ²³	0.1074	0.0001	0.0022	0.0358	0.1074
Jupiter	1.899x10 ²⁷	317.8	0.4138	6.621	105.9	317.8
Saturn	5.685x10 ²⁶	95.16	0.1239	1.983	31.72	95.16
Uranus	8.681x10 ²⁵	14.53	0.0189	0.3028	4.844	14.53
Neptune	1.024x10 ²⁶	17.15	0.0223	0.3572	5.716	17.15
Pluto	1.250x10 ²²	0.0021	2.725x10 ⁻⁶	4.359x10 ⁻⁵	0.0007	0.0021
Kap And b	2.430x10 ²⁸	4068	5.297	84.76	1356	4.068x10 ³