**Name:**

**Your Age on Other Worlds** <http://www.exploratorium.edu/ronh/age/index.html>

*Directions: Go to the above internet site. Once you are at the site, you should read the “To Do & Notice” section and follow these directions.* ***Make sure you remember to enter your birthdate as MM/DD/YYYY.*** *Ask Miss Black for help if you do not understand this format.*

After calculating your birthdate, fill in the following:

|  |  |  |
| --- | --- | --- |
| **MERCURY** [http://www.exploratorium.edu/ronh/age/images/mercury.gif](http://www.nineplanets.org/mercury.html)  Your age is   Mercurian days   Mercurian years  Next Birthday | **VENUS**  [http://www.exploratorium.edu/ronh/age/images/venus.gif](http://www.nineplanets.org/venus.html)  Your age is   Venusian days   Venusian years  Next Birthday | **EARTH**  [http://www.exploratorium.edu/ronh/age/images/earth.gif](http://www.nineplanets.org/earth.html)  Your age is   Earth days   Earth years  Next Birthday |

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| --- | --- | --- |
| **MARS** [http://www.exploratorium.edu/ronh/age/images/mars.gif](http://www.nineplanets.org/mars.html) Your age is   Martian days   Martian years  Next Birthday | **JUPITER** [http://www.exploratorium.edu/ronh/age/images/jupiter.gif](http://www.nineplanets.org/jupiter.html) Your age is   Jovian days   Jovian years  Next Birthday | **SATURN** [http://www.exploratorium.edu/ronh/age/images/saturn.gif](http://www.nineplanets.org/saturn.html) Your age is   Saturnian days   Saturnian years  Next Birthday |

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| --- | --- | --- |
| **URANUS** [http://www.exploratorium.edu/ronh/age/images/uranus.gif](http://www.nineplanets.org/uranus.html) Your age is   Uranian days   Uranian years  Next Birthday | **NEPTUNE** [http://www.exploratorium.edu/ronh/age/images/neptune.gif](http://www.nineplanets.org/neptune.html) Your age is   Neptunian days   Neptunian years  Next Birthday | **PLUTO** [http://www.exploratorium.edu/ronh/age/images/pluto.gif](http://www.nineplanets.org/pluto.html) Your age is   Plutonian days   Plutonian years  Next Birthday |

Answer the following questions:

1. On which planet would your age be the least?
2. On which planet would your age be the greatest?

When done exploring your weight, read the section titled “The Days (and Years) of Our Lives” towards the bottom of the page.

**Your Weight on Other Worlds** <http://www.exploratorium.edu/ronh/weight/index.html>

*Directions: Go to the above internet site. Once you are at the site, you should read the “To Do & Notice” section and follow these directions.*

After calculating your weight, fill in the following:

Top of Form

|  |  |  |  |
| --- | --- | --- | --- |
| **MERCURY** [http://www.exploratorium.edu/ronh/weight/images/mercury.gif](http://www.nineplanets.org/mercury.html) Your weight is | **VENUS** [http://www.exploratorium.edu/ronh/weight/images/venus.gif](http://www.nineplanets.org/venus.html) Your weight is | **THE MOON** [http://www.exploratorium.edu/ronh/weight/images/moon.gif](http://www.nineplanets.org/luna.html) Your weight is | **MARS** [http://www.exploratorium.edu/ronh/weight/images/mars.gif](http://www.nineplanets.org/mars.html) Your weight is |

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| --- | --- | --- | --- |
| **JUPITER** [http://www.exploratorium.edu/ronh/weight/images/jupiter.gif](http://www.nineplanets.org/jupiter.html) Your weight is | **SATURN** [http://www.exploratorium.edu/ronh/weight/images/saturn.gif](http://www.nineplanets.org/saturn.html) Your weight is | **URANUS** [http://www.exploratorium.edu/ronh/weight/images/uranus.gif](http://www.nineplanets.org/uranus.html) Your weight is | **NEPTUNE** [http://www.exploratorium.edu/ronh/weight/images/neptune.gif](http://www.nineplanets.org/neptune.html) Your weight is |

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| **PLUTO** [http://www.exploratorium.edu/ronh/weight/images/pluto.gif](http://www.nineplanets.org/pluto.html) Your weight is |

The Moons of Jupiter

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| --- | --- | --- | --- |
| **IO** [http://www.exploratorium.edu/ronh/weight/images/io.gif](http://www.nineplanets.org/io.html) Your weight is | **EUROPA** [http://www.exploratorium.edu/ronh/weight/images/europa.gif](http://www.nineplanets.org/europa.html) Your weight is | **GANYMEDE** [http://www.exploratorium.edu/ronh/weight/images/ganymede.gif](http://www.nineplanets.org/ganymede.html) Your weight is | **CALLISTO** [http://www.exploratorium.edu/ronh/weight/images/callisto.gif](http://www.nineplanets.org/callisto.html) Your weight is |

A Few Different Types of Stars  
(better land at night to avoid burning your feet!)

|  |  |  |
| --- | --- | --- |
| **THE SUN** [http://www.exploratorium.edu/ronh/weight/images/sun.gif](http://www.nineplanets.org/sol.html) Your weight is | **A WHITE DWARF** http://www.exploratorium.edu/ronh/weight/images/white_dwarf.gif Your weight is | **A NEUTRON STAR** http://www.exploratorium.edu/ronh/weight/images/crab.gif Your weight is |

Bottom of Form

Answer the following questions:

1. On which planet would your weight be the least?
2. On which planet would your weight be the most?
3. List the planets in order from the least amount of gravity to the most.
4. On which object in space would your weight be the least?
5. On which object in space would your weight be the most?

When done exploring your weight, read the section titled “What is Going On?” towards the bottom of the page.