**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 Your age is  Mercurian days  Mercurian yearsNext Birthday  | **VENUS** http://www.exploratorium.edu/ronh/age/images/venus.gif Your age is  Venusian days  Venusian yearsNext Birthday  | **EARTH** http://www.exploratorium.edu/ronh/age/images/earth.gif Your age is Earth days  Earth yearsNext Birthday  |

|  |  |  |
| --- | --- | --- |
| **MARS**http://www.exploratorium.edu/ronh/age/images/mars.gifYour age is Martian days  Martian yearsNext Birthday  | **JUPITER**http://www.exploratorium.edu/ronh/age/images/jupiter.gifYour age is Jovian days  Jovian yearsNext Birthday  | **SATURN**http://www.exploratorium.edu/ronh/age/images/saturn.gifYour age is Saturnian days  Saturnian yearsNext Birthday  |

|  |  |  |
| --- | --- | --- |
| **URANUS**http://www.exploratorium.edu/ronh/age/images/uranus.gifYour age is Uranian days  Uranian yearsNext Birthday  | **NEPTUNE**http://www.exploratorium.edu/ronh/age/images/neptune.gifYour age is Neptunian days  Neptunian yearsNext Birthday  | **PLUTO**http://www.exploratorium.edu/ronh/age/images/pluto.gifYour age is Plutonian days  Plutonian yearsNext 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.gifYour weight is | **VENUS**http://www.exploratorium.edu/ronh/weight/images/venus.gifYour weight is | **THE MOON**http://www.exploratorium.edu/ronh/weight/images/moon.gifYour weight is | **MARS**http://www.exploratorium.edu/ronh/weight/images/mars.gifYour weight is |

|  |  |  |  |
| --- | --- | --- | --- |
| **JUPITER**http://www.exploratorium.edu/ronh/weight/images/jupiter.gifYour weight is | **SATURN**http://www.exploratorium.edu/ronh/weight/images/saturn.gifYour weight is | **URANUS**http://www.exploratorium.edu/ronh/weight/images/uranus.gifYour weight is | **NEPTUNE**http://www.exploratorium.edu/ronh/weight/images/neptune.gifYour weight is |

|  |
| --- |
| **PLUTO**http://www.exploratorium.edu/ronh/weight/images/pluto.gifYour weight is |

The Moons of Jupiter

|  |  |  |  |
| --- | --- | --- | --- |
| **IO**http://www.exploratorium.edu/ronh/weight/images/io.gifYour weight is | **EUROPA**http://www.exploratorium.edu/ronh/weight/images/europa.gifYour weight is | **GANYMEDE**http://www.exploratorium.edu/ronh/weight/images/ganymede.gifYour weight is | **CALLISTO**http://www.exploratorium.edu/ronh/weight/images/callisto.gifYour 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.gifYour weight is | **A WHITE DWARF**http://www.exploratorium.edu/ronh/weight/images/white_dwarf.gifYour weight is | **A NEUTRON STAR**http://www.exploratorium.edu/ronh/weight/images/crab.gifYour 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.