

| Name: |
|-------|
|-------|

How Much Do You Weigh?

Place yourself on the scale to confirm your weight here on earth.

| Earth | Weight: | lbs |
|-------|---------|-----|
| | | |

After you have weighed yourself, use the calculations below to find out how much you would weigh on each planet. Complete the following chart by multiplying your Earth weight by the number that goes with each planet or moon and place your results in the chart.

Space Weights:

| Planet/Moon | × | Weight (lbs) |
|-----------------|------|--------------|
| Mercury | .38 | |
| Venus | .9 | |
| Moon Moon | .17 | |
| Mars | .37 | |
| Jupiter | 2.64 | |
| ∅ Saturn | .92 | |
| ∅ Uranus | .89 | |
| | 1.12 | |



| ٨ | Jame: | | | |
|---|---------|--|--|--|
| | 44111E: | | | |

How Old Are You?

| Earth | Age: | | years |
|-------|------|--|-------|
|-------|------|--|-------|

Complete the following chart by dividing your Earth age by the number that goes with each planet or moon and place your results in the chart.

Space Ages:

| Planet/Moon | Orbit (÷) | Age (years) |
|----------------|-----------|-------------|
| Mercury | .24 | |
| Venus | .62 | |
| Mars | 1.53 | |
| Jupiter | 11.9 | |
| S aturn | 29.5 | |
| | 84 | |
| Neptune | 164 | |
| Pluto | 248 | |



| 1 | Name: | | | |
|---|--------|--|--|--|
| ı | ivame: | | | |

Space Jump

Place yourself next to the 100 ft. measuring tape on the ground starting at zero. From there, jump as far as you can and mark your distance below (You will need to measure your distances in **feet)**.

| Earth Measurement: | |
|--------------------|------|
| _ong Jump: | feet |

After you complete your jump, you will need to do calculations to see how you would have done somewhere other than Earth. Complete the following chart by dividing your Earth measurement by the number that goes with each planet or moon and place your results in the chart.

Space Measurements:

| Planet/Moon | ÷ | Long Jump |
|------------------|------|-----------|
| Mercury | .38 | |
| Venus | .9 | |
| Moon Moon | .17 | |
| Mars | .37 | |
| S Jupiter | 2.64 | |
| S aturn | .92 | |
| Uranus | .89 | |
| Neptune | 1.12 | |