



# Weight and Mass



My mass on Earth is 15 kg.

My weight on Earth is 150 N.



| Planet                                                                                         | Strength of Gravity | Weight on the planet (N) | Mass on the planet (kg) |
|------------------------------------------------------------------------------------------------|---------------------|--------------------------|-------------------------|
| <br>Mercury   | 0.38                |                          |                         |
| <br>Venus     | 0.91                |                          |                         |
| <br>Mars    | 0.38                |                          |                         |
| <br>Jupiter | 2.54                |                          |                         |
| <br>Saturn  | 1.08                |                          |                         |
| <br>Uranus  | 0.91                |                          |                         |
| <br>Neptune | 1.19                |                          |                         |