

WEIGHT ON DIFFERENT PLANETS



Natural Science 2. Secondary Education

UNIT

Gravitational pull





*P*_{Jupiter} = 1271 N





P_{Neptune} = 616 N





*P*_{Venus} = 490 N

 $P_{\text{Mercury}} = 204 \text{ N}$

Planet	g (m/s²)
Mercury	3.7
Venus	8.9
Earth	9.8
Mars	3.7
Jupiter	23.1
Saturn	9.1
Uranus	8.7
Neptune	11.2

For example, if your mass is 50 kg, your weight, as you've learned, depends on which planet you're on. This is because $P = m \cdot g$, and the acceleration of gravity

is different on each planet:

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