



## Newton's law of universal gravitation

Mass of the first object [kg]:	1000000000000.0
Mass of the second object [kg]:	1500000000000.0
Constant of gravitation [ $\text{m}^3 \cdot \text{kg}^{-1} \cdot \text{s}^{-2}$ ]:	1e-10
The distance between the objects [m]:	10000000.0
Force is equal to [N]:	0.01