





 He proposed that if this is true between the Earth and some object, why not between any two objects.









$$F = G \frac{Mm_{earth}}{r^2} \qquad F = Mg$$

$$G \frac{Mm_{earth}}{r^2} = Mg$$

$$g = G \frac{m_{earth}}{r^2}$$
We can calculate the gravitational field strength for any object using this method.

