

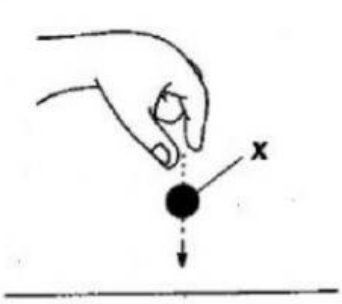
What is gravitational force?

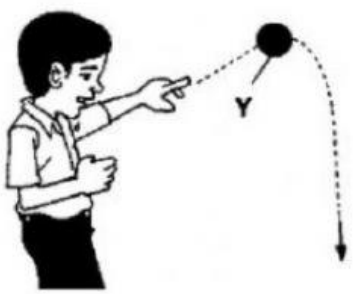
Fill in the blanks with the correct words.

1. Gravity is an invisible _____ that pulls object back to the Earth.
2. _____ discovered gravity.
3. Gravity is also known as _____.
4. Gravitational force is _____.
5. The size of gravitational force depends on the _____ of the objects.
6. The _____ the object's mass, the _____ gravitational force it will have.
7. The _____ the mass of object, the _____ will be the gravitational force.
8. The _____ of an object is the gravitational force acting on it.
9. Weight is measured with a _____.
10. The unit of weight is _____.

weight	mass	more	less
bigger	smaller	Newton (N)	force
forcemeter	Issac Newton	gravitational force	Force of attraction between 2 objects

Choose the correct words to complete the sentences.





LIVEWORKSHEETS

1. When ball X is released, it will _____.
2. When ball Y is thrown, it _____.
3. Based on the observations on ball X and Y, all objects are pulled towards _____ due to _____.

Differences between mass and weight

Mass	Weight

Measured with forcemeter	Measure with electronic balance
The amount of matter in an object	The gravitational force acting on an object
Measured in newton (N)	Measured in gram (g) and kilogram (kg)
Changes at different locations, depending on the amount of gravitational force acting on it	Remains the same at different locations

LIVEWORKSHEETS