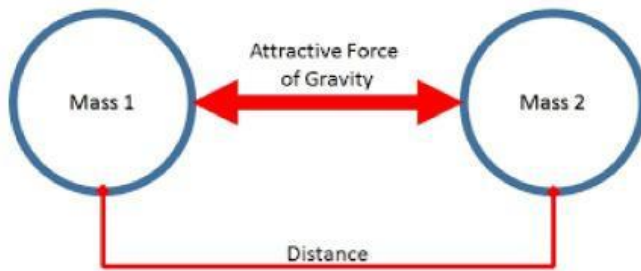


Answer the following questions about each scenario:



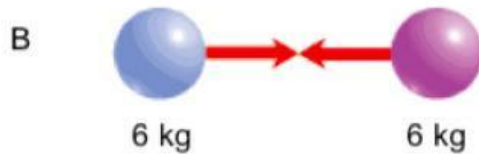
Both masses are putting a force on each other.

Both masses are putting the same amount of force on each other.

Mass 1 is putting more force on Mass 2 than Mass 2 is putting on Mass 1.



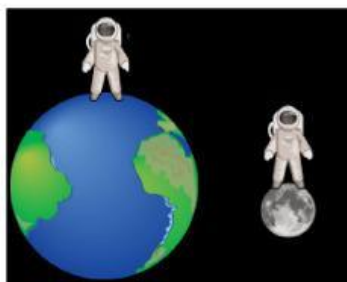
Which set of masses would have the greatest gravitational pull between them?



Which set of masses would have the least gravitational pull between them?

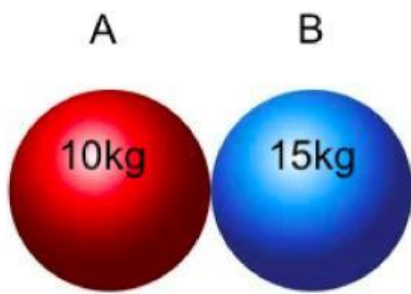


How would the gravitational pull of set A compare to the gravitational pull of set B?



The astronaut would have weight would be _____, and his _____ on the Earth & moon.

The gravitational pull on the moon _____ the gravitational pull on the Earth because the moon _____



MARK EACH STATEMENT AS TRUE OR FALSE:

Mass B is putting more force on A than Mass A is putting on B.

To increase the gravity between them, you could increase the distance between them.

If you increased the mass of Mass A only to 20kg, both spheres would put more gravitational pull on each other.

Answer each of the following about the masses above:

Separating the masses would ____

Increasing the mass of only one sphere would ____.

Doubling the mass of both spheres would ____.

Doubling the distance between the masses would ____.

Decreasing the mass of both spheres would ____.