

**1.- Complete these sentences or select the right answer:**

A.- Gravity is...

B.- **Weight** is the force of attraction between an object and the _____.C.- An object weights more on *Earth than on the Moon*. ☐ True ☐ False

D.- The relation between distance and the time is called _____.

F.- Velocity is the distance divided by the _____.

G.- Write the most important units of velocity _____ and _____.

2.- Answer these questions:

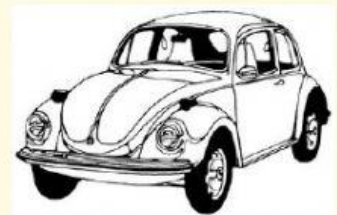
A.- A man wants to calculate the density of a bowling ball.

He puts it on a scales, and it weights 4200 g.

The ball has a volume of 1500 cm³.a.- What is the density of the ball? _____ g/cm³Density= $\frac{\text{Mass}}{\text{Volume}}$ = Density = _____ = g/cm³b.- The bowling ball will ☐ float or ☐ sink?
Why?

B.- A car goes from Madrid to Badajoz. The distance is 402,5 km., and the car spends 3,5 hours on the trip.

1.- Calculate the car's velocity:

Velocity= $\frac{\text{distance}}{\text{time}}$ Velocity = _____ = km/h

C.- A bus goes from Madrirdejos to Granada. The distance between these two places is 315 km., and the bus spends 3 hours to do the trip.

1.- Calculate the bus' velocity:

Velocity = $\frac{\text{distance}}{\text{time}}$ Velocity = _____ = km/h