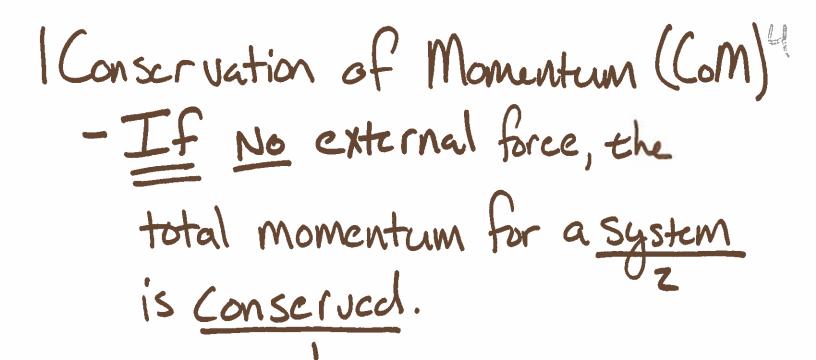
16 Sep 17 Sep	Momentum	
	ience, What do you vation means?	1 think
1	eday's VList	
☐ Mome	ntum ruation of moment ntum Lab	tum Com)
0 Se	tup Note book	
0 For	m - Use CoM to des	cribe
what ha	ppens when a Car is by a txting teen,	rear

GETT.

Intentionally Blank.

1 Momentum	- product of	Mass + Velocit
		Speed & direction
Egn Momer		X Velaity
Units - P=ml		
Example - Bowl All the second of the second	ica a small	a bighall
-Bowling ball =>	54,9ms -> p	30.000 4M
- Car=> 100012 Sem: => 35,00	0 kg 30 kg > r	: loso outils



1) Conscrued

Z) System

- Demo <u>Goso</u> P=0, Nothing is moving.

O-O= =O-O

Pis Still zero. Because the Velocity is oppisate!

Momentum Lab

Goal - See how speed and mass effect momentum.

Setup (100g weight for some tests

Sonic Sensor

Starting

Distance

Final distance

- Release the car
- Measure how for it moves the box
- Get the velocity off the computer

Data Empty Car: _ kg/ W/100g: Vel Momentum FDII Vel Momentum FD 200mm 300 mm 400mm 500mm LOOMM

FD in MM

Momentum in Kg M