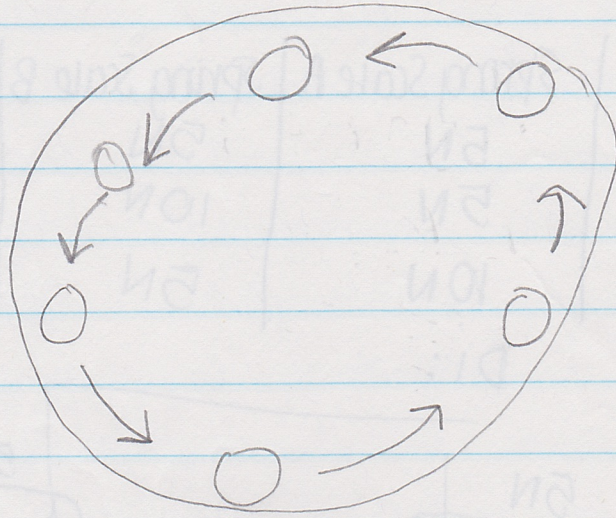


# Station 1

1. di



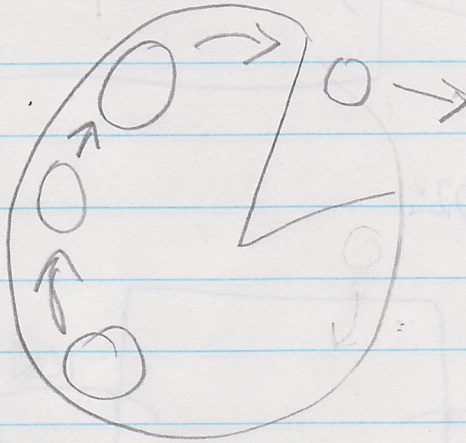
2. Ex! :

The plate exerts a force that keep the marble in circular motion

3. Predi! :

Pre

It will fall out of the plate



4. E :

the marble falls out because the plate force is lost

## 5. AQ:

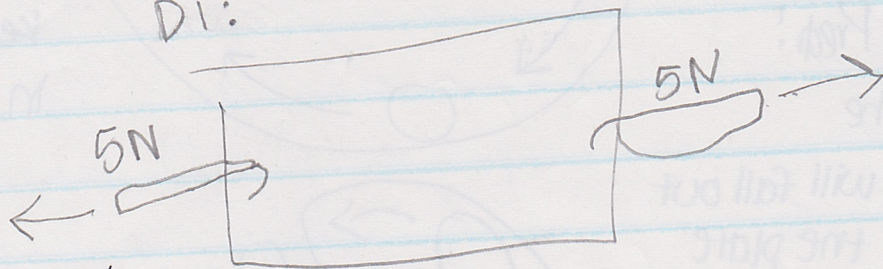
1. It pushes back against the marble like a gravitational pull
2. Our planets go in a circular motion like the marble did.
3. This shows the moon circling around earth.



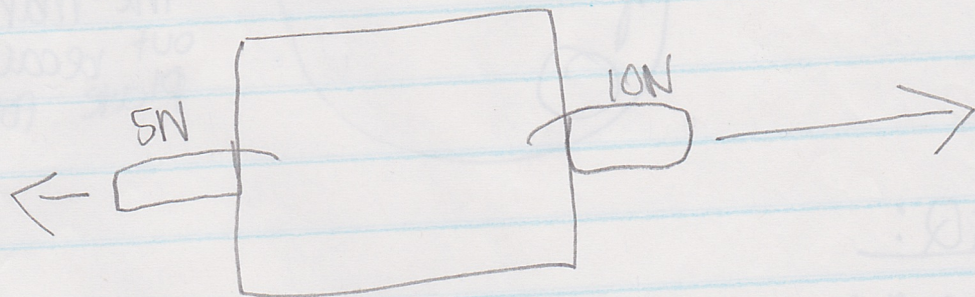
# Station 2

Example	Spring Scale A	Spring Scale B	Movement Result
1	5N	5N	stays still
2	5N	10N	left
3	10N	5N	right

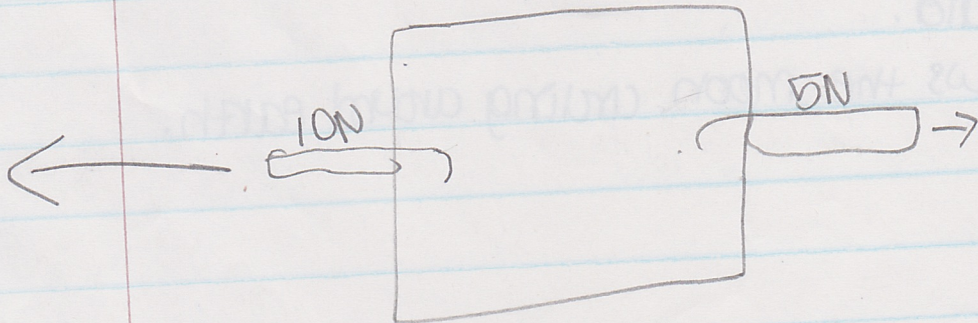
D1:



D2:



D3:





## Station 3:

1. My hands force was taken away, gravity pulls it down, and it falls.



### Analysis Q's:

1. air and gravity
2. yes
3. It remains at the same place
4. It would fall down, or move in a different direction.



# Station 4:

Unbalanced forces:

two forces do not cancel each other out, the net force is not 0 N.

balanced forces:

2 forces cancel each other out, the net force is 0 N.