



4TH GRADE

FORCE AND MOTION 10%

I. Match the following concepts with the correct definition:

1. Motion

Change in Position of a body.

2. Trajectory

A straight line that connects the initial position with the final position.

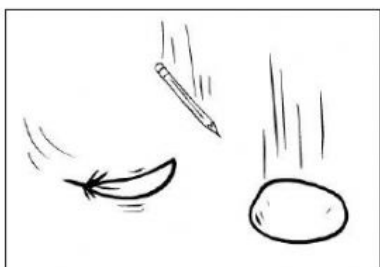
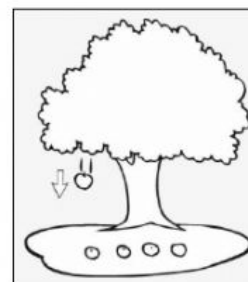
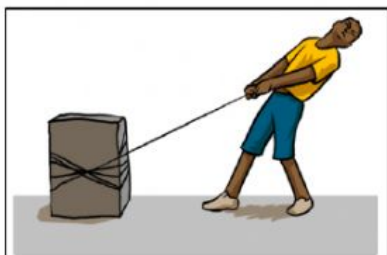
3. Displacement

How fast a body travels.

4. Speed

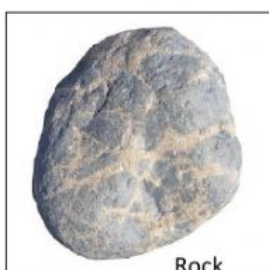
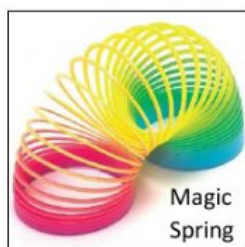
The **real** path a body travels.

II. Classify the following forces as CONTACT or NON-CONTACT FORCE.





III. Classify the following objects as RIGID, ELASTIC, or PLASTIC.



IV. True or False: Read each question and select the option **T** if it's true or the option **F** if it's false.

1. _____ The unit of measurement of speed can be km/h or m/s.
2. _____ Force can put an object in motion.
3. _____ Two magnets **repel** if the **opposite** poles are together.
4. _____ Force can stop an object from moving.
5. _____ A fruit falling from a tree is an example of magnetic force.