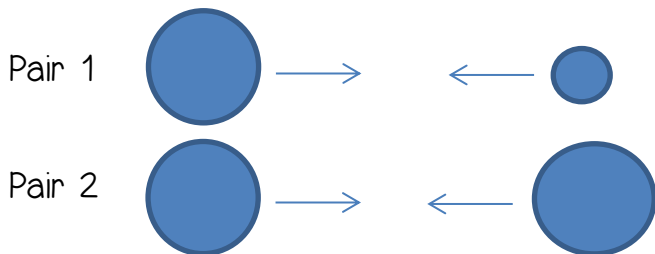


Study Guide – Mass, Weight, Inertia

1. Define weight –
2. Define free fall –
3. Define friction –
4. Define satellite –
5. What does the law of universal gravitation state?
6. Define inertia –
7. What tool is used to measure mass?
8. What tool is used to measure weight?
9. What is rolling friction?
10. Define gravity –
11. What is acceleration due to gravity on earth?
12. Air resistance is a type of what?
13. How can you increase friction intentionally? (give an example)
14. What are two factors that affect gravitational pull between two objects?



Is the gravitational force greater between pair 1 or pair 2? And why?