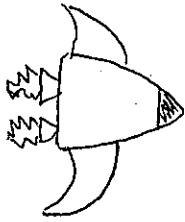


Newton's Laws of Motion



→ rocket pushes down on ground
→ ground pushes up on rocket

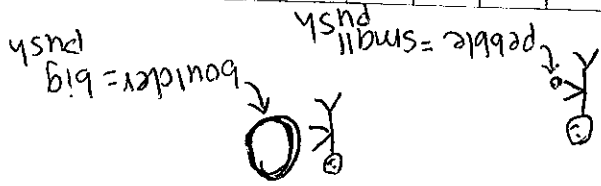
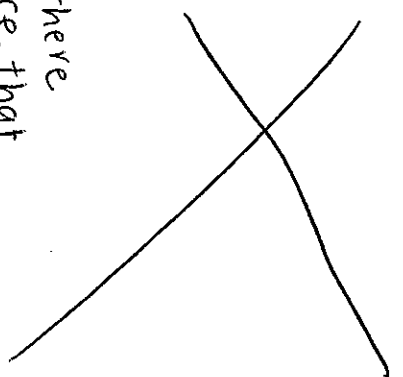
• for every force applied on an object, there is a reaction force that is equal in size.

1st

2nd

3rd

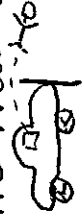
• more mass, an object has, more force required to move it.



• object at rest will stay at rest; object in motion will stay in motion unless acted on by another force

- "Inertia Law"

* This is why we wear seatbelts! *



Newton's Laws of Motion