NEWTON'S 3RD LAW

NAME _____ HR _____

1. Define force

2. What does it mean to be a contact force? Do not give examples of contact forces, define what they mean.

3. What if there was not an equal and opposite reaction coming from the chair you are sitting in? What would happen?

4. State Newton's 3rd law

5. In terms of magnitude, how do force pairs always occur?

6. In terms of direction, how to force pairs always occur?

7. Using Newton's third law, explain how a fish moves through water

8. Using Newton's third law, explain how a car moves on a road.

9. Explain why a person's body has its own gravity.

10. True or false: A human has gravitational force.

11. Using Newton's third law, explain how a swimmer launches in a pool.

12. Your friend from Alma doesn't have Mrs. Dailey as a teacher. He claims that Newton's law cannot be true because, "If all forces are equal, there should be no motion at all on the planet." Explain why this statement is false.