Experiment 9.1 The Importance of Direction 1/23/23

$S = \frac{d}{t}$ = speed

speed - time divided by distance
vilocity - Speed and direction

Hypothesis: The difference between speed and vilocity.

Notes:
Part 1: Speed and direction of the eggs is the same. Because of this, no damage to either egg.

Part 2: When 1 egg was moving, the other was stationary, When they collided, the stationary egg had damage.

Part 3: 1 egg took damage when the speed was the same, and the direction was different.

Conclusion: Speed and direction matter a lot. They change the vilocity.