

MOTION AND FORCES RETEST READING ASSIGNMENT

- Complete all of the assigned questions using your book and notes. Make sure to write the answers on a separate sheet of paper.
- ALL activities MUST be completed then **stapled to your corrected & signed original test** in order to be eligible to take the retest.

Read and answer the following chapter and questions:

Chapter 6:

- Section 1 Assessment (pg. 159, #1-7)
- Section 2 Assessment (pg. 163, #1-7)
- Section 3 Assessment (pg. 170, #1-5)
- Section 4 Assessment (pg. 175, #1-5, & 7)
- Chapter 6 Assessment (pgs. 182-183, #1-19)

Make a Verbal-Visual for each of the following terms:

- | | |
|-----------------|---------------------------------------|
| -Air resistance | -Newton's 3 Laws (1 V-V for each law) |
| -Friction | -Terminal Velocity |
| -Inertia | -Variable |
| -Mass | -Balanced Force |
| -Momentum | -Unbalanced Force |
| -Newton | -Reference point |
| -Speed | -Acceleration |

Calculate the following:

1. A track star that has an average speed of ? will travel 100 m in 10 s.
2. A car travels 500 km in 5 hr. What is its speed?
3. Planes travel 600 km/hr. How far will it travel in 6 hr?

Explain the following:

Which of Newton's Laws most applies most to the following situations?

4. A bowling ball knocking over bowling pins.
5. A rocket launching.
6. A person falling forward after tripping over a curb.

It is understood that mastery on the Force & Motion unit exam was not reached and that corrections and additional practice are required to take a retest. It is further understood that I have two weeks in which to complete the corrections (**by 11-3-11**), this assignment, and take the retest to change my grade. I will make an appointment with my teacher to do so during tutorials.

Student Signature

Parent Signature