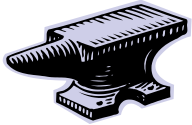


Name: _____ Period _____

BILL NYE MOTION WORKSHEET

1. Listen carefully to the opening song and fill in the blank:

Inertia is a property of _____



2. What **force** was holding the **anvil** up? _____

3. What **force** is pulling the **anvil** down? _____

4. When he flicked the card where did the coin go to? _____

5. Whether moving or sitting still everything has _____

6. The men who were trying to move the boxes read that:

Nothing gets moved unless it is P _____ or P _____

Newton's Three Laws of Motion Bill goes through the three laws of motion. Fill in the blanks.

Newton's 1st Law of Motion

7. Things at rest, stay at _____

8. Things in motion stay in _____ unless acted upon by an outside force.

Newton's 2nd Law of Motion

9. Force = _____ times acceleration.

Newton's 3rd Law of Motion

10. For every action there is an equal and opposite _____

_____ 11. What happened to the apple's weight as the plane dived toward the ground?

- A) Got large or heavier B) got less or weightless

_____ 12. What happened to the apple's weight as the plane rose up towards the sky?

- A) Got large or heavier B) got less or weightless

_____ 13. What do we measure mass in? A. meters B. Liters C. Grams

14. Listen to the song and fill in the blank: We are all _____.