

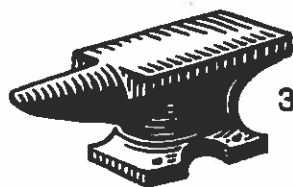
Name : _____ Period _____

BILL NYE MOTION WORKSHEET

Watch the Bill Nye video and fill in the blanks below:

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? _____

6. Whether moving or sitting still everything has _____

7. 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

8. Things at rest, stay at _____

9. Thing in motion stay in _____ unless acted upon by a outside force.

Newton's 2nd Law of Motion

10. Force = _____ times acceleration.

Newton's 3rd Law of Motion

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

- _____ 12. What happened to the apple's weight as the plane dived toward the ground?

A) got larger or heavier B) got less or weightless

- _____ 13. What happened to the apple's weight as the plane rose up towards the sky?

A) got larger or heavier B) got less or weightless