

BILL NYE : MOTION

1. Everything in the universe is in _____.
2. What puts things in motion?
3. Forces are when something is _____ or _____.
4. When something is sitting still it will _____ unless acted on by an outside force.
5. Inertia is a property of _____.
6. A bowling ball weighs more than a _____.
7. The anvil has a lot of _____.
8. The 2 forces acting on the anvil are _____ and the pull of the _____.
9. Whether an object is _____ or _____ everything has inertia.
10. Write Newton's First Law of Motion:
11. Write Newton's Second Law of Motion:
12. What is the equation that goes along with this law?
13. Write Newton's Third Law of Motion:
14. The apple has _____ and it also has _____.
15. The apple could be weightless but would still have a _____.
16. Do the laws of physics still apply in space?
17. The earth is spinning on its axis at about _____.
18. The galaxy in which the Earth is found is the _____ Galaxy.
19. When things are pushed or pulled they are put in _____.
20. The more the _____ the more force you need.