

Review Chapter 11

Name:

Hr.

1. State Newton's three laws.

2. What is weight ?

3. What factors are need to figure out momentum?

4. When objects move closer together the force of gravity _____.

5. What are the SI units for momentum ?

6. What is the SI unit for force ?

7. What are the units for free fall acceleration ?

8. Describe action-reaction forces.

9. What is the approximate velocity of terminal velocity of a falling object?

10. How does air resistance effect the velocity of a falling object ?

11. Compare the air resistance on a falling object to an object in a vacuum.

12. Compare the gravitational force of the moon to earth.

13. Give examples of objects with unbalanced forces and uses these examples to show how to determine $F=ma$.

14. Explain how seat belts and car seats work.

15. What is the equation to determine weight ?

16. How do you figure the gravitational force between to objects ?

17. What is mass ?

18. Did you go over your quizzes, concept reviews, notes and reread the chapter before you took the test?