1 Forces that are opposite and equal are called  
   A friction  
   B unbalanced  
   C balanced  
   D gravitational  

2 The property of matter that resists a change in motion is  
   A gravity  
   B weight  
   C inertia  
   D friction  

3 is the force that acts in the opposite direction of motion.  
   A inertia  
   B gravity  
   C friction  
   D weight  

4 Acceleration is directly propositional to  
   A applied force  
   B net force  
   C friction  
   D weight  

5 Which of these does NOT change as an object moves through the universe?  
   A weight  
   B mass  
   C inertia  
   D both b & c  

6 What happens to the weight of an object as it falls through air?  
   A nothing  
   B it increases  
   C it decreases  
   D it increase exponentially  

7 What happens to the friction acting on an object as it falls through air?  
   A nothing  
   B it increases  
   C it decreases  
   D it decreases exponentially
8. What happens to the net force acting on an object falling through air?

   A. nothing
   B. it increases
   C. it decreases
   D. it increases exponentially

9. What happens to the speed of an object as it falls through air?

   A. nothing
   B. it increases
   C. it decreases
   D. none of the above

10. How does the force of attraction between two objects change as the distance between the objects increases?

    A. nothing
    B. it increases
    C. it decreases
    D. it decreases exponentially

11. What happens to the force of attraction between two objects if the distance between the objects decreases?

    A. nothing
    B. it increases
    C. it decreases
    D. it increases exponentially
answer key: forces

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