

# Motion, Force and Gravity

## Study Guide & Assessment

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Motion, Force, and Gravity Study Guide

1. What makes an object start moving? \_\_\_\_\_
2. When you push a shopping cart, you...  
\_\_\_\_\_  
\_\_\_\_\_
3. What is gravity?  
\_\_\_\_\_  
\_\_\_\_\_
4. What causes an object to fall to Earth? \_\_\_\_\_
5. Sally moves her toy box every day to a different spot. Today, her sister wants to help her. They stand on the same side of the box. Sally pushes on the box and her sister pulls on the box with the same force. What happens to the box?  
\_\_\_\_\_  
\_\_\_\_\_
6. What is speed?  
\_\_\_\_\_  
\_\_\_\_\_
7. Frank throws a ball into the air. The ball falls toward the Earth. What force is acting on the ball? \_\_\_\_\_
8. In the space below, draw a picture of something happening because of gravity. Then, write a few sentences describing what is happening in your picture.



# **Motion Force And Gravity Discussion Guide**

**AW Chickering**



## **Motion Force And Gravity Discussion Guide:**

Revise AS & A2 Physics Study Guide Graham Booth, 2008      Physics for Scientists and Engineers Study Guide Gene Mosca, Todd Ruskell, 2003-04 Each chapter in this physics study guide contains a description of key ideas potential pitfalls true false questions that test essential definitions and relations questions and answers that require qualitative reasoning and problems and solutions      Forty-five New Force and Motion Assessment Probes Page Keeley, Rand Harrington, 2010

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