| Objective | Goal | What To Review for the  Test | Yes, I Reviewed the Material | No, I need to Review Material |
| --- | --- | --- | --- | --- |
| Velocity and displacement  Pages 39-47 | 1. **Describe** motion in terms of frame of reference, displacement, time, and velocity. 2. **Calculate** the displacement of an object traveling at a known velocity for a specific time interval. 3. **Construct** and **interpret** graphs of position versus time. | PPT Slides section 2.1 |  |  |
| **2.1** SRQ 1-4, 6 & CRQ: 3 & 4 |  |  |
| Practice Problems A |  |  |
| Physics 500 Lab  Introduction to velocity and activity |  |  |
| Constant acceleration  Pages 48-59 | 1. **Describe** motion in terms of changing velocity. 2. **Compare** graphical representations of accelerated and nonaccelerated motions**.** 3. **Apply** kinematic equations to **calculate** distance, time, or velocity under conditions of constant acceleration. | PPT 2.2 Part 1  PPT 2.2 Part 2 |  |  |
| Practice Problems B-E |  |  |
| Acceleration Lab |  |  |
| Free Falling  Pages 60-65 | 1. Free fall **is the motion of a body when only the force due to gravity is acting on the body.** 2. **The acceleration on an object in free fall is called the acceleration due to gravity, or free-fall acceleration.** 3. **Acceleration is denoted with the symbols *ag* (generally) or *g* (on Earth’s surface).** | PPT 2.3 |  |  |
| Practice Problems F |  |  |
| Free Falling Lab |  |  |