| Objective  | Goal | What To Review for the Test  | Yes, I Reviewed the Material | No, I need to Review Material |
| --- | --- | --- | --- | --- |
| Velocity and displacementPages 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 LabIntroduction to velocity and activity  |  |  |
| Constant accelerationPages 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 FallingPages 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 |  |  |