1. A lime is thrown upward with a velocity of 5 m/s. How long will it take before it returns to its original height? What will its’ maximum height be (as measured from where it was thrown)?

**Qualitative Representation**

**Variables and Equations**

**Solution (remember, show your reasoning and math)**

**Reasonability check?**

1. An egg is dropped from a building that is 61 m high. What will its’ speed be at the instant it reaches the ground? How long will it take to get there?

**Qualitative Representation**

**Variables and Equations**

**Solution (remember, show your reasoning and math)**

**Reasonability check?**