**Trajectory Problems I**

1. **If an arrow was shot with an initial velocity of 25 m/s at an angle of 20 degrees, what would the time of the flight be?**
2. **What would be the distance the arrow flew from #1 be?**
3. **If a rifle fired with an initial velocity of 77 m/s at an angle of 45 degrees, what is the distance traveled?**
4. **If an outfielder threw a base ball at an initial velocity of 65 mi/hr at an angle of 22 degrees, what is the distance the ball traveled?**