

HOMEWORK #2

P1. A ball is thrown straight up at 30 m/s. How fast will it be moving after 1 s?

P2. An arrow is shot straight up at 50 m/s. How long will it take to reach its greatest height?

P3. A car initially moving at 5 m/s accelerates uniformly to 25 m/s in 10 s. How far does it go as it accelerates?