Unit 8 problems.

III

1. If you used a mass of 125 pounds to move an object to a height of 215 feet, how much torque did you use?
2. If you fired an arrow at an angle of 45 degrees with a initial velocity 145 mi./ hr., how far would the arrow go?
3. If a car was traveling 239 m/s, with a mass of 150 pounds, what would the momentum be?
4. If you threw a baseball at a speed of 85 mi. / hr., at an angle to 52 degrees, how far would it travel?
5. If you applied a torque of 1152 N-M, for a distance of 1.54 m, what force was applied?