

PHYSICS 160 READING ASSIGNMENT FOR MARCH 4 SECTIONS 6.1 AND 1.10

6.1 - Work

- Work, W - how much effort goes into causing motion.
- Unit of work = J (Joule).
- Work can be positive or negative. Negative work slows an object down.

1.10 - Products of Vectors

- One more time we go back to chapter 1 to get some necessary mathematics. Here we need one of the ways to multiply vectors.
- The Dot product, also called the scalar product, is a way of multiplying vectors that results in a scalar.
- Don't worry about the vector product yet, we'll come back to that in chapter 8.