

Chapter 14-1: Work and Power

- Work
 - Motion and Work
 - Force at an Angle
 - Calculating Work
$$W = Fd$$
 - Calculating Work: Sebastian is on roller skates, and I push him with a force of 20N over a distance of 2m. How much work is done on Sebastian?
- Power
 - Calculating Power
$$P = \frac{W}{t}$$
 - Calculating Power: If it takes me 5 seconds to push Sebastian (above,) how much power am I providing?
- Energy
 - Related to Work
 - Related to Power

Homework: Chapter 14-1 (p410) # 1-7