## III. Uniform Motion (p.470):

1. 

| Step 3 | distance | speed | time |
| :---: | :---: | :---: | :---: |
| event 1 |  |  |  |
| event 2 |  |  |  |


2. Examples (pp.476-477): Exercises \#28,34
IV. Work-rate (p.471):

1. Amount of work $=$ work-rate $\times$ time

Total amt work = sum of work by individual entities
2. Examples (pp.476-477): Exercises \#38,44
V. Miscellaneous Example (p.477): Exercise \#52

HW: p.476/Exercises \#25,29,31,35 pp.476-477 Exercises \#27,39,41,49,53 Read pp.479-487 (section 6.8)

## I. Variation:

1. Direct Variation (p.480): $\boldsymbol{y}=\mathrm{k} \cdot \boldsymbol{x}$ quantity " $y$ " varies directly with quantity " $x$ "
2. Inverse Variation (p.483): $\boldsymbol{y}=\mathrm{k} / \boldsymbol{x}$ quantity " $y$ " varies inversely with quantity " $x$ "
II. Examples (p.488): Exercises \#2,4

HW: p. 487 / Exercises \#1,3 Read pp.479-487 (section 6.8)

