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

•	Step 3	distance	speed	time	
	event 1				
	event 2				r

2. Examples (pp.<del>476</del>-477): Exercises #<del>28</del>,<del>34</del>

## IV. Work-rate (p.471):

1

 Amount of work = work-rate × 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):  $y = k \cdot x$ quantity "y" varies **directly** with quantity "x"
  - 2. Inverse Variation (p.483): y = k/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)