

1st-day Intro: [Course Checklist](#)

PARADIGM:

set of beliefs, expectations, thoughts/feelings and recollections that are relevant to a particular setting.

If at first you don't succeed,

\_\_\_\_\_, \_\_\_\_\_.

The nail that sticks up,

\_\_\_\_\_.

Be open to new vocabulary (*i.e.*, “big” words)...  
...if you truly want a “higher education.”

## Exotic Environments...

Arctic Dreams / Inuit Indians      NASA / outer space  
high school v. college (higher education)

## Confirmation Bias & Cognitive Dissonance

Situational Awareness:

Beware of Distractions,

Task Saturation & Shedding

Good Faith = Due Diligence  $\Rightarrow$  Critical Thinking

# I. Order of Operations (p.6):

PEMDAS

Examples (p.9): Exercises #24-90 (even)

# II. Geometry Formulas in 2-D (p.7):

determine Perimeter & Area for ■, ■■■ & ▲

Examples (p.10): Exercises #94,96

HW: [pp.9-11](#) / Exercises #1-105(odd)

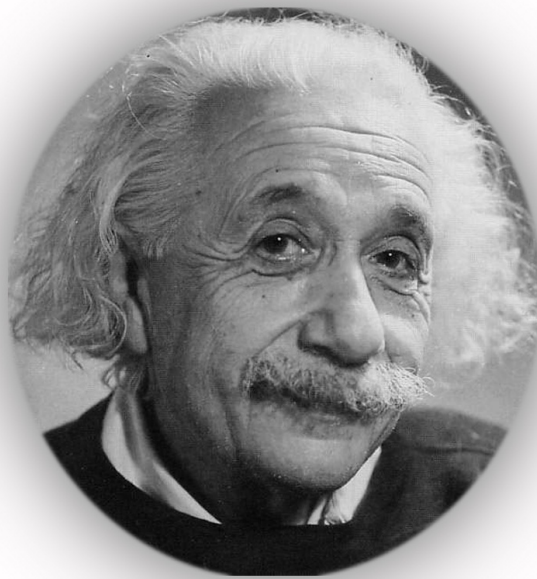
Read [pp. 15-22](#) (section 1.2)

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Bring to every class: textbook  
paper & pencil (pen)  
calculator

The ideals which have lighted my way, and time after time, have given me new courage to face life cheerfully, have been ***Kindness, Beauty and Truth.***

*10 Amazing Life Lessons from Albert Einstein:*



“

1. Follow Your Curiosity
2. Perseverance is Priceless
3. Focus on the Present
4. The Imagination is Powerful
5. Make Mistakes
6. Live in the Moment
7. Create Value
8. Don't be repetitive
9. Knowledge Comes From Experience
10. Learn the Rules and Then Play Better