



# The Key to Good Grades



# It might seem obvious that

Attending lecture

Learn what is important

&

Doing Practice Quizzes

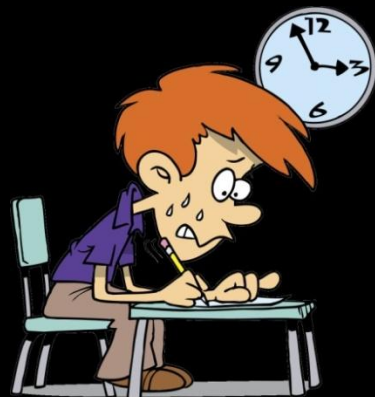
Learn test format

Learn important test topics

Reduce “test-taking Anxiety”

Test learning prior to score for grade

Will lead to better grades

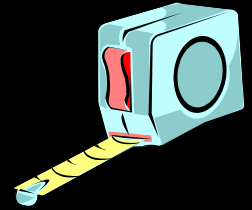




# Does reality support this opinion?

Since “science” is about “measuring stuff”

What do the “numbers” suggest?



The following 3 graphs plot

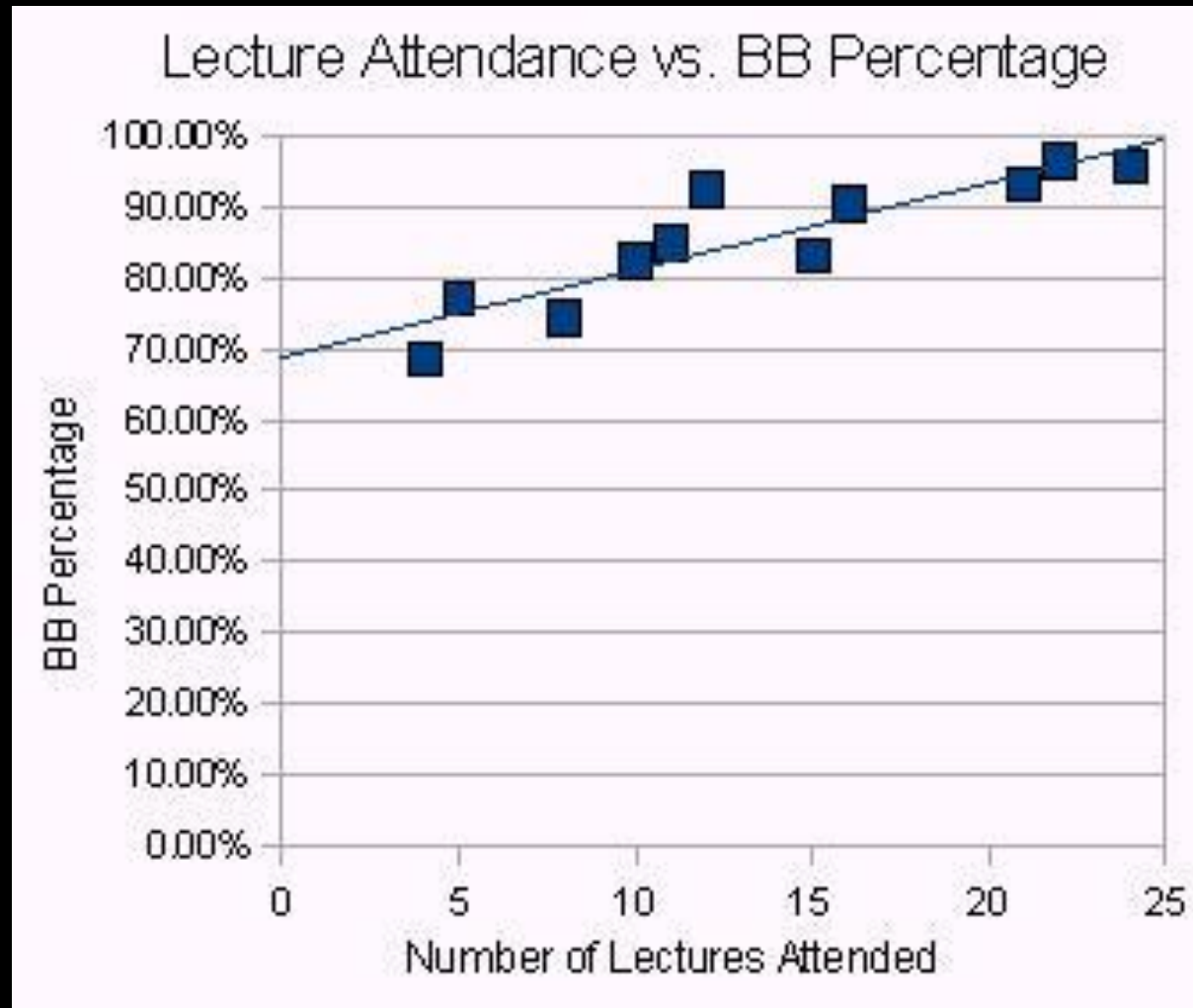
CEM 090 student performance for a 12 week summer session  
(CEM 101 is CEM 090 with different name)

Line on the graphs demonstrates “best fit” relationship

## World's Most Accurate Pie Chart

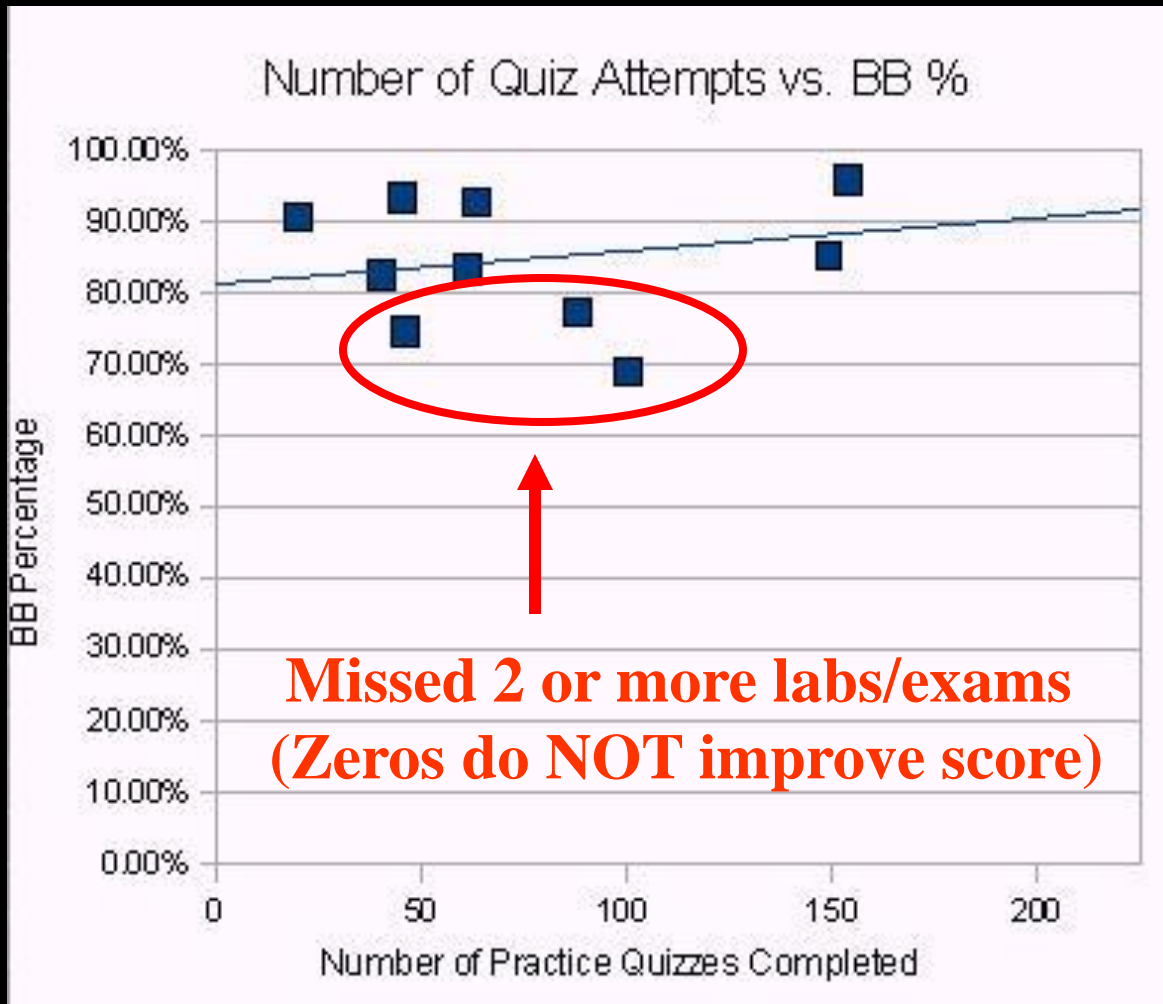


# Lecture Attendance & Final Blackboard Percentage



**Graph suggests: attending lectures → higher grades**

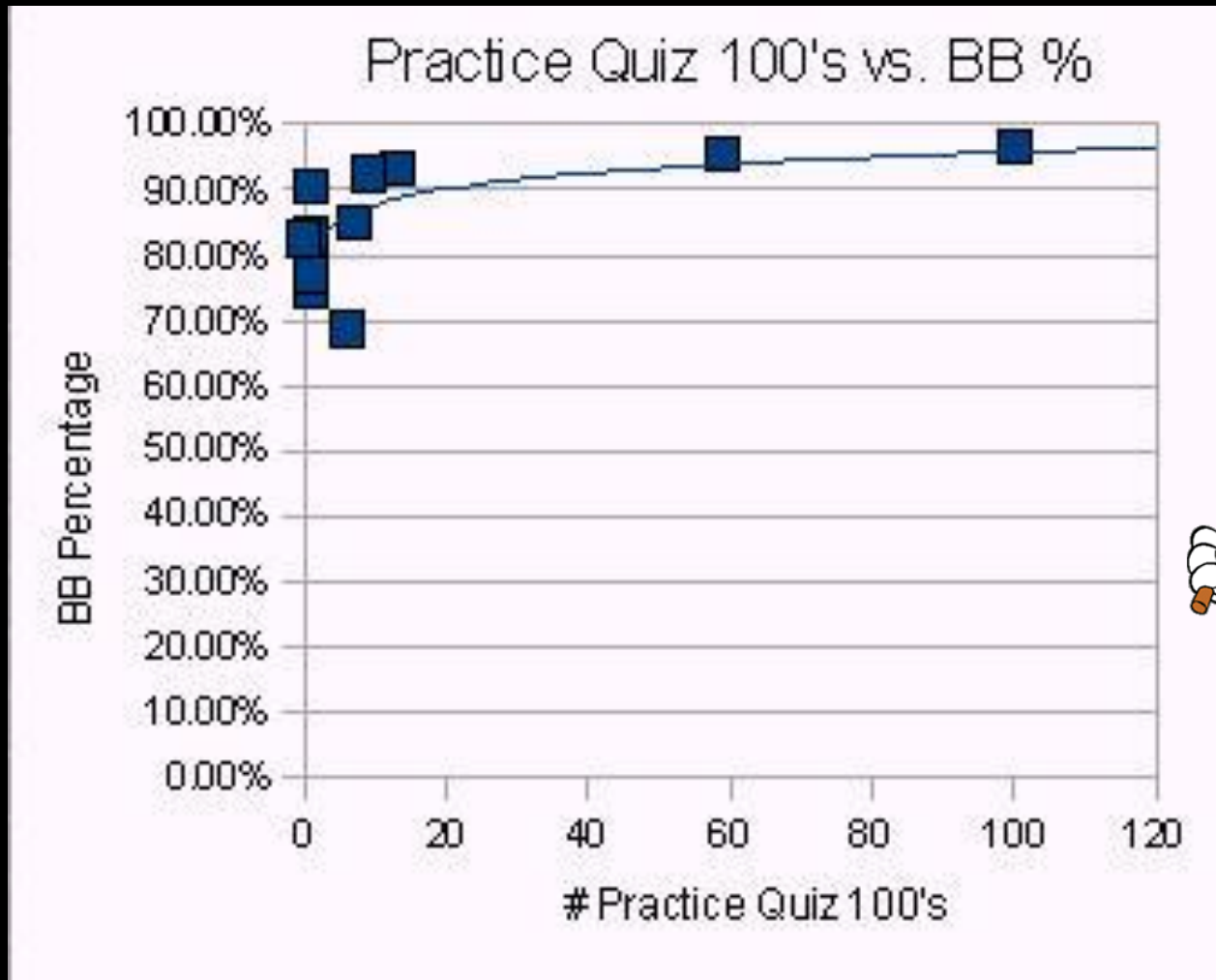
# Practice Quizzes Attempted & Final Blackboard %



**Graph suggests: taking lots of practice quizzes → higher grades**



# Practice Quiz 100's & Final Blackboard %



**Graph suggests: lots of practice quiz 100's → higher grades**

# Test Averages: Attending Lecture Session Practice Quizzes

Test                  Attend                  Not Attend



4	92	72
5	91	68
6	88	79
6 I	8.47	5.34
7	92	88
7 I	6.87	4.92
8	85	83
8 I	8.98	6.75
9	82	70
9 I	7.75	6.70
10	86	79
10 I	8.28	6.86
11	82	72
Final	75	65



**Table Suggests:  
Attending Lecture Practice Quiz  
Improves Grade**

**“Numbers” suggest:**

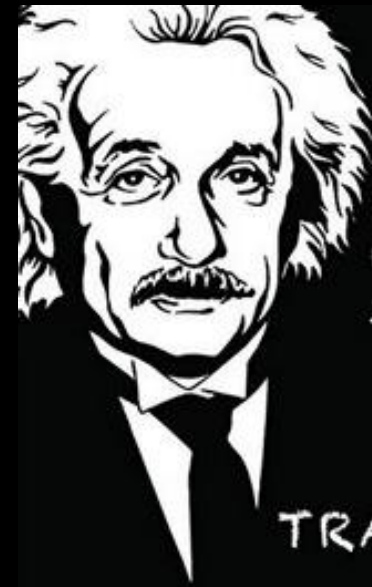
**Attending class  
&**

**Taking practice quizzes  
will raise the final grade!**

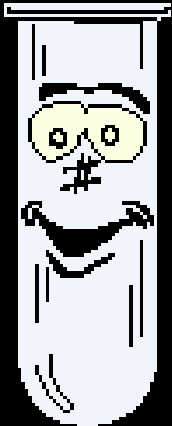
**In other words,  
CEM 101**

**Is no different from any other college class ...**

**Good grades come from good study habits**



EDUCATION  
IS NOT THE  
LEARNING  
OF FACTS  
BUT THE  
TRAINING  
OF THE  
MIND TO  
THINK





# At the start of the semester: Everyone has an “A”



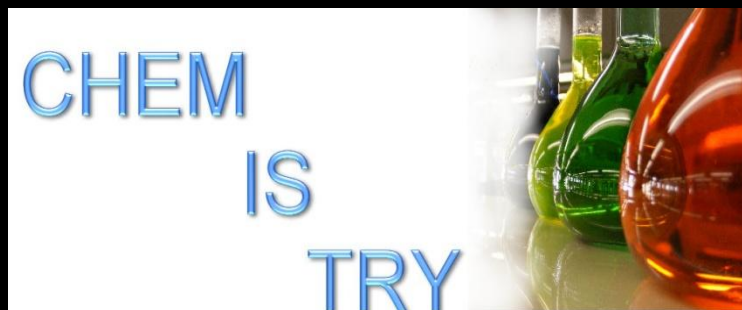
You keep that “A” by:

Attending Class

Doing Practice Quizzes

Asking Questions

Talking / e-mailing Instructor



Typically: > 50 % A's ; ~ 90% A's or B's

# Never Give Up! Never Surrender!

