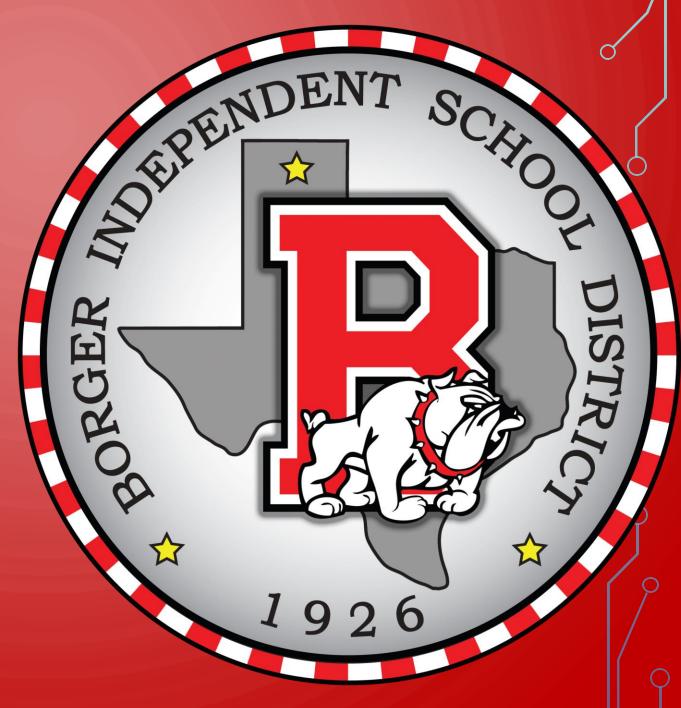
# BOARD NOTES

**25 SEPTEMBER 2018** 



# CC PRECALCULUS CHAPTER 3 — LINEAR AND QUADRATIC FUNCTIONS



• SECTION 3.2 - BUILDING LINEAR MODELS FROM DATA

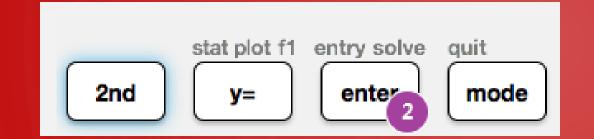
### Objectives:

- Draw and interpret ScatterDiagrams
- Distinguish between Linear and Nonlinear relations
- Use a graphing utility to find the line of best fit

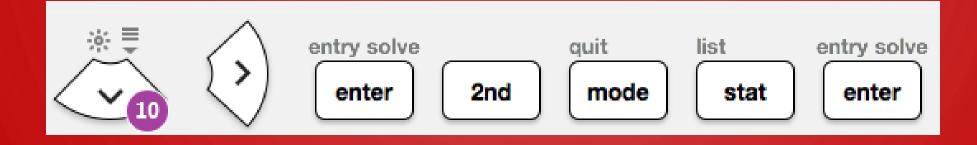
<b>T</b>	On-Base	Runs	()
Team	Percentage, x	Scored, y	(x, y)
Arizona	32.3	685	(32.3, 685)
Atlanta	32.1	688	(32.1, 688)
Chicago Cubs	30.0	602	(30.0, 602)
Cincinnati	32.7	698	(32.7, 698)
Colorado	32.3	706	(32.3, 706)
LA Dodgers	32.6	649	(32.6, 649)
Miami	29.3	513	(29.3, 513)
Milwaukee	31.1	640	(31.1, 640)
NY Mets	30.6	619	(30.6, 619)
Philadelphia	30.6	610	(30.6, 610)
Pittsburgh	31.3	634	(31.3, 634)
San Diego	30.8	618	(30.8, 618)
San Francisco	32.0	629	(32.0, 629)
St. Louis	33.2	783	(33.2, 783)
Washington	31.3	656	(31.3, 656)

Source: espn.go.com



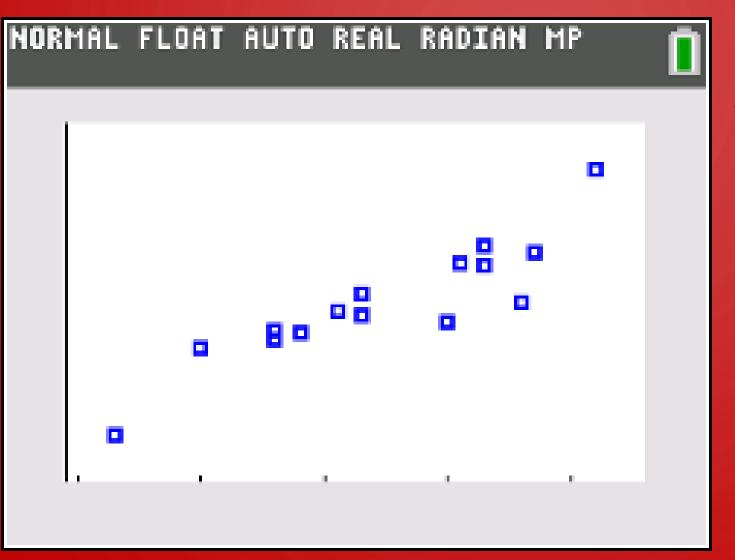






## Enter Data in L1 and L2

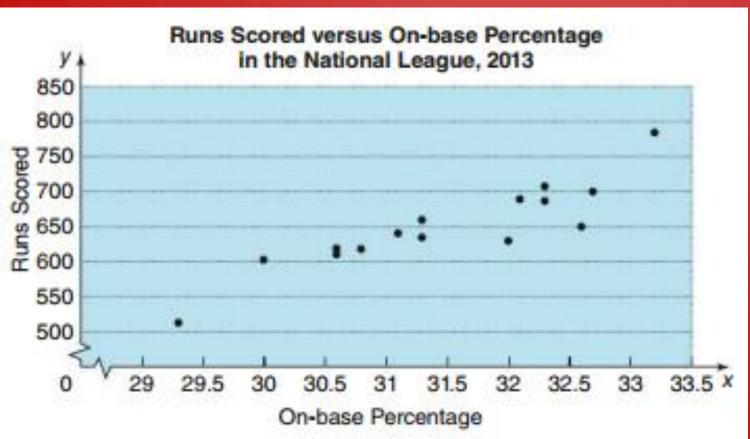


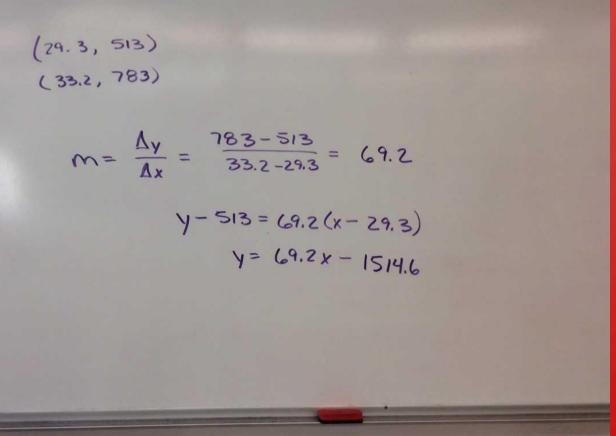






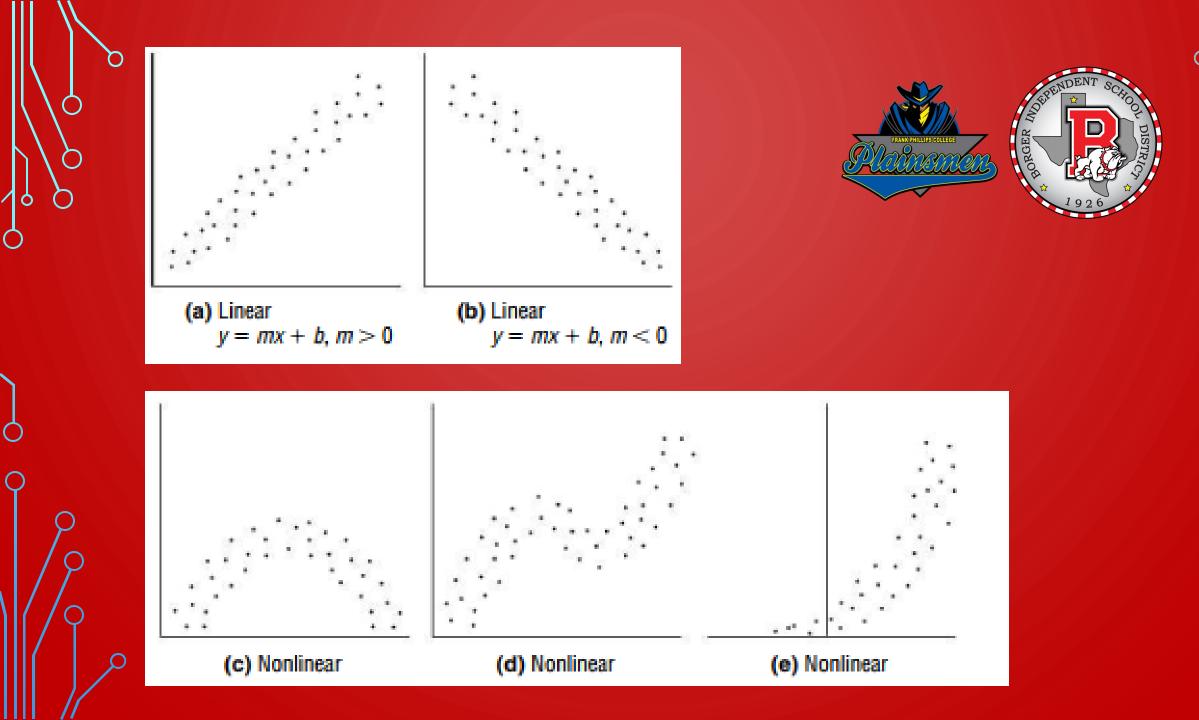


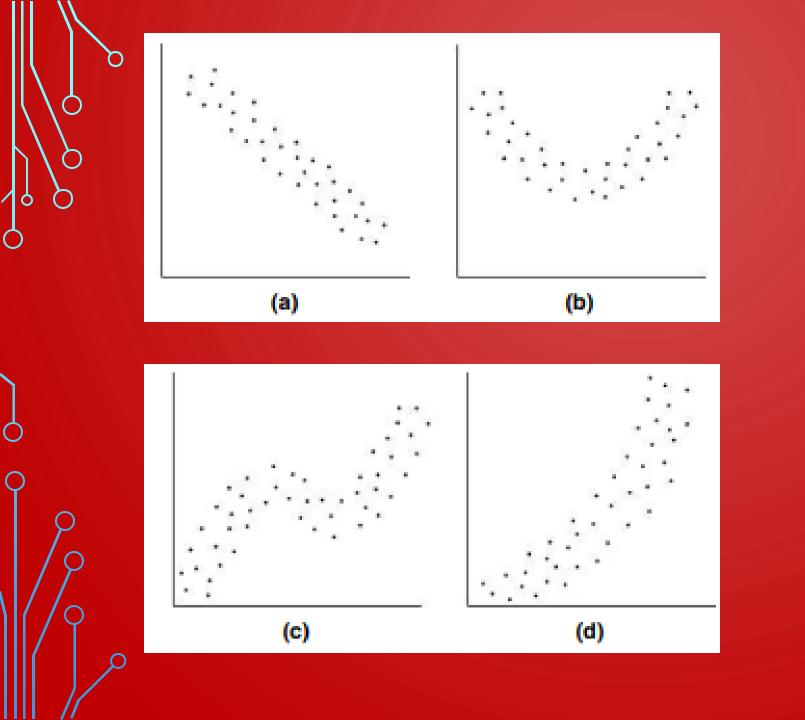


















#### NORMAL FLOAT AUTO REAL RADIAN MP

#### LinRe9

y=ax+b a=49.39516129 b=-906.2930108 r<sup>2</sup>=0.8026432672 r=0.8959036037

