

AP Statistics

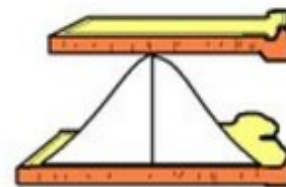
Unit 8: Central Limit Theorem

Chapter 18

28 18.1 Intro to CLT HW: notes Chapter 18	29 18.2 CLT notes & definitions HW: p 432 (1-4)	30 18.3 Sampling Distributions with proportions Start Investigative Task HW: p 434 (15-20)	31	1 18.4 Sampling Distributions with means HW: p 436 (37-40)
4 18.5 Finish Investigative Task	5 Start Unit 9 ALL Unit 8 HW Due with Investigative Task	6	7	8

The Central Limit Theorem states that with a large sample size the **sampling distribution** of the mean is approximately normal.

Statistic	Standard Deviation of Statistic
Sample Mean	$\frac{\sigma}{\sqrt{n}}$
Sample Proportion	$\sqrt{\frac{p(1-p)}{n}}$



THE CLT. SADLY NOT AS DELICIOUS AS THE BLT.

Fun Video—
Central Limit Theorem

<http://bit.ly/1StitNK>

