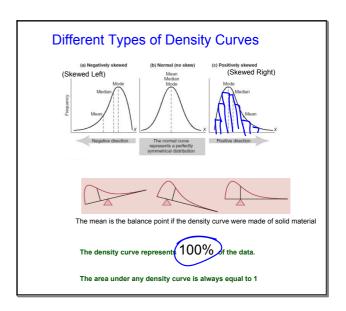
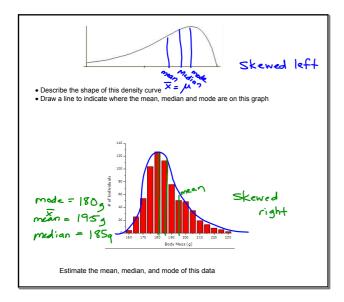
7.1: Introduction to the Normal Curve Learning Targets:

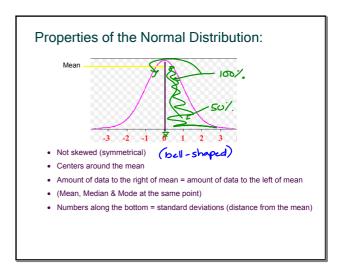
- I understand the similarities between a histogram and a density curve
- I can recognize a normal density curve.
- I can identify the mean and median of a density curve.
- I can draw a normal curve.
- I understand the empirical rule.
- I can find percentages using the normal curve and the empirical rule.



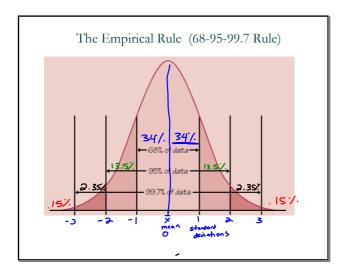
Jan 31-11:30 AM

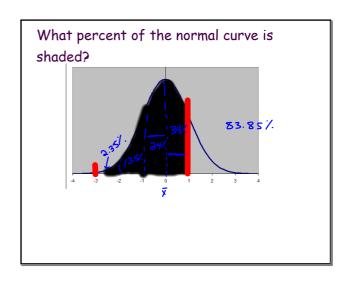
Feb 1-2:02 PM





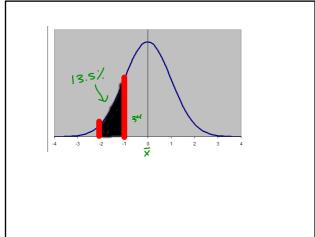
Feb 1-1:58 PM Feb 1-1:35 PM





Jan 31-11:27 AM

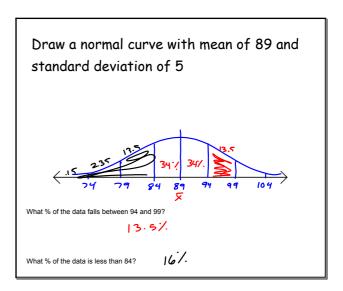




49.85%

Feb 1-5:19 PM

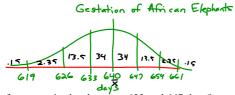
Feb 1-5:36 PM Feb 1-5:38 PM



Feb 1-5:39 PM

Feb 1-5:43 PM

The gestation of African elephants is normal with a mean of 640 days and a standard deviation of 7 days. (Draw a picture.)



- 1. What % of pregnancies last between 633 and 647 days?
- 2. What % of pregnancies last more than 640 days?
- 3. What % of pregnancies last more than 654 days?
- 4. What % of pregnancies last for less than 619 days?

Section 7.1

Worksheet — Homework

p. 302 #1-10 (draw a picture),13-15

Due before you leave today

Feb 1-5:51 PM Feb 10-11:48 AM