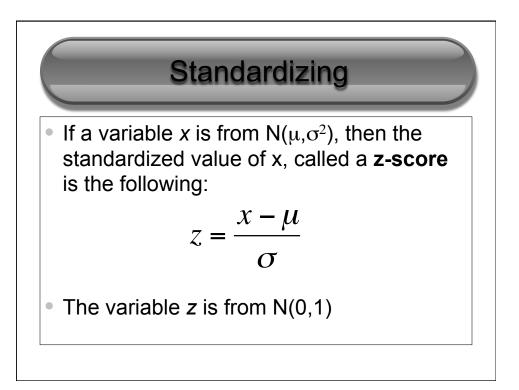


## Example

Find the proportions corresponding to the following statements:

d) 
$$-1.66 < z < 2.85$$



Weights of baby elephants X follow a Normal distribution with mean  $\mu$ =224 lbs and standard deviation  $\sigma$ =53 lbs.

- a) P(X < 200 lbs) = ?
- b) P(200 < X < 300 lbs) = ?
- c) P(X > 445) = ?

