## VISUAL SUMMARY

## Creating a Grouped Frequency Distribution

Before You Begin: Rank the scores.

Compute the range:
Range $=$ high score - low score

## Choose i:

1. There must be between 10 and 20 class intervals.
2. Number of class intervals $\approx \frac{\text { range }}{i}$

Create class intervals:

1. All lower apparent limits must be a multiple of $i$.
2. All class intervals must be the same size.
3. The highest class interval must contain the highest score.
4. The lowest class interval must contain the lowest score.

Compute real limits:

1. Upper real limit = upper apparent limit +.5 units
2. Lower real limit = lower apparent limit - . 5 units

