

## Quick Questions 2 Summarizing Data

I. Place the number of the appropriate formula or phrase next to the item it describes.

- A. Mutually-exclusive events \_\_\_\_\_
- B. Relative frequency \_\_\_\_\_
- C. Class midpoint \_\_\_\_\_
- D. Approximate class width \_\_\_\_\_
- E. All-inclusive events (collectively exhaustive) \_\_\_\_\_
- F. Ogive \_\_\_\_\_

1.	$\frac{\text{range}}{\text{\# of classes}}$
2.	do not contain the same outcome
3.	$\frac{X_1 + X_2}{2}$
4.	$\frac{\text{class frequency}}{\text{total frequencies}}$
5.	cumulative frequency distribution
6.	a place for every outcome

II. Complete the following using this data.

Data: 38, 48, 27, 14, 31, 23, 46, 38, 54, 26, 44, 33, 17, 34, 6, 37

- A. Array
- B. Range
- C. Approximate class width
- D. Complete this chart. People using statistics software should print a frequency distribution, relative frequency distribution, and less-than cumulative frequency distribution.

Stated Class Limits	Real Class Limits	Tally	Frequency (f)	Relative Frequency	Cumulative Frequency	
					More-than	Less-than
5 - 14						

E. Frequency polygon

