Four common ways of measuring the average of a set of data:

1. Mode -the data point that occurs most offer
a. Iffliwo outcomes occur most often, then there is no unique mode and the data is described as $\qquad$ .
b. If more than two outcomes occur most often, then the data is called bimodal.
2. Median-when the points are listed from smallest to largest it is the middle number
a. If there is an even number of outcomes, then the average of the middle two outcomes is considered the median.
3. Mean - add up all the numbers and divide by how mary numbers we have.
4. Range-highert minus the lowest numbers

Example: Find the mean, median, mode, and range of the following data.
a) $22.7,20.0,22.7,23.7,23.8,20.6,22.1,21.2,19.4,20.7$

$$
19,4,20 \cdot 0,20.6,20.7,21.2,22.1,22.7,22.7,23.7,23.8
$$




$$
10-14
$$

$$
\frac{18+63+156+136+220+27}{50}
$$

