Class Activity

Identify the Skewness

For each scenario below, determine if the data is likely to be *Left Skewed*, *Right Skewed*, or *Symmetric*.

1. The SAT scores at Princeton University.
2. Ages of employees at a startup tech company.
3. Income distribution in a developing country.
4. Scores of a very easy test taken by 100 students.
5. Height distribution of adult women in a certain country.
6. The weight of newborn babies in a specific hospital.
7. The price of houses in an extremely affluent neighborhood.
8. Years of experience of teachers in an elementary school.
9. Scores of an extremely hard test taken by 100 students.
10. Time it takes to complete a very popular marathon.
11. The distribution of grades in a very easy class.
12. Number of pets owned by families in a suburban neighborhood.
13. Distribution of cars sold by a dealer.
14. Time spent on a website with mostly uninteresting content but a few captivating articles.

Identify the Modality

For each data set scenario below, determine if it's likely to be *Unimodal*, *Bimodal*, or *Multi-Modal*.

1. Monthly temperatures in a city with a distinct summer and winter but mild spring and fall.
2. The distribution of heights in a mixed group of adults and children.
3. The distribution of colors preferred by people.
4. Exam scores in a class where there was a clear easy section and a hard section.
5. Popularity of various ice cream flavors in a large city.
6. Monthly rent prices in a city with a mix of old, cheap apartments and new, expensive ones.