

Date: _____

Learning Goal

Entry Question

I surveyed 100 people about their favourite type of soft drink, 34 picked Pepsi.

If I made a Circle / Pie Graph of this data, how much of the circle would be taken up by people who prefer Pepsi?

A. Symmetrical Distributions

1. Normal Distribution

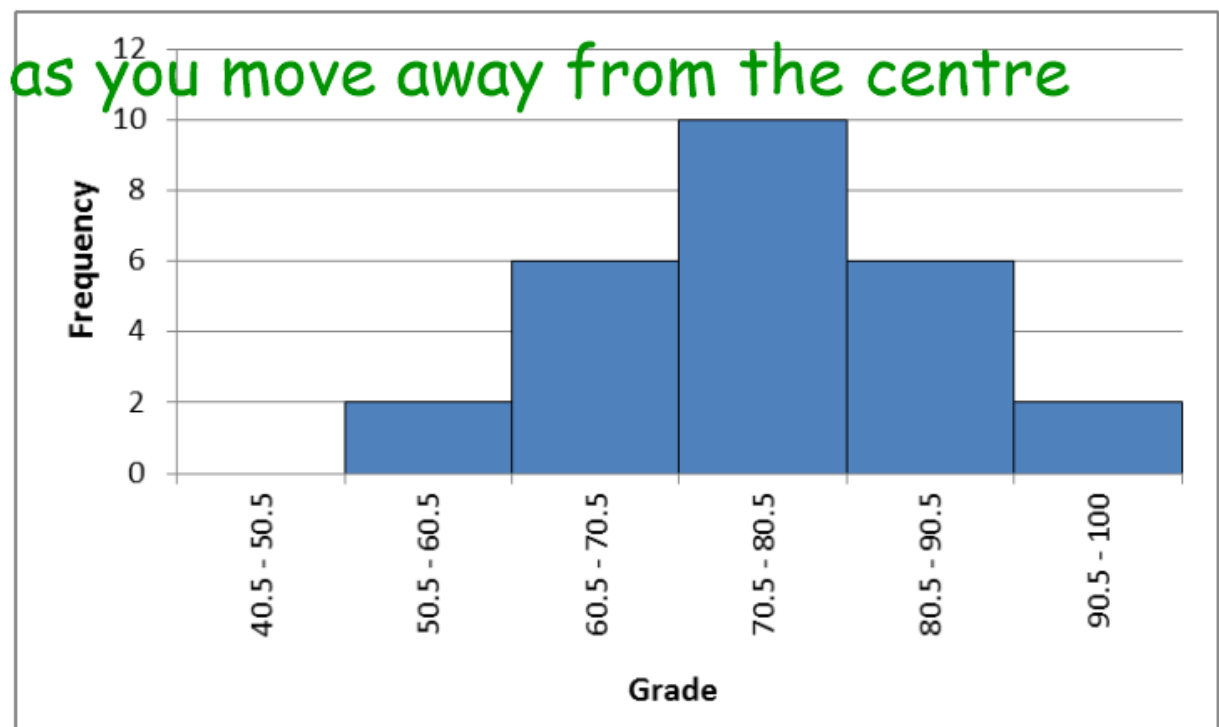
- " _____ "

- _____ interval(s)

have

frequencies

- frequencies _____



A. Symmetrical Distributions

2. Bimodal Distributions

- look like _____

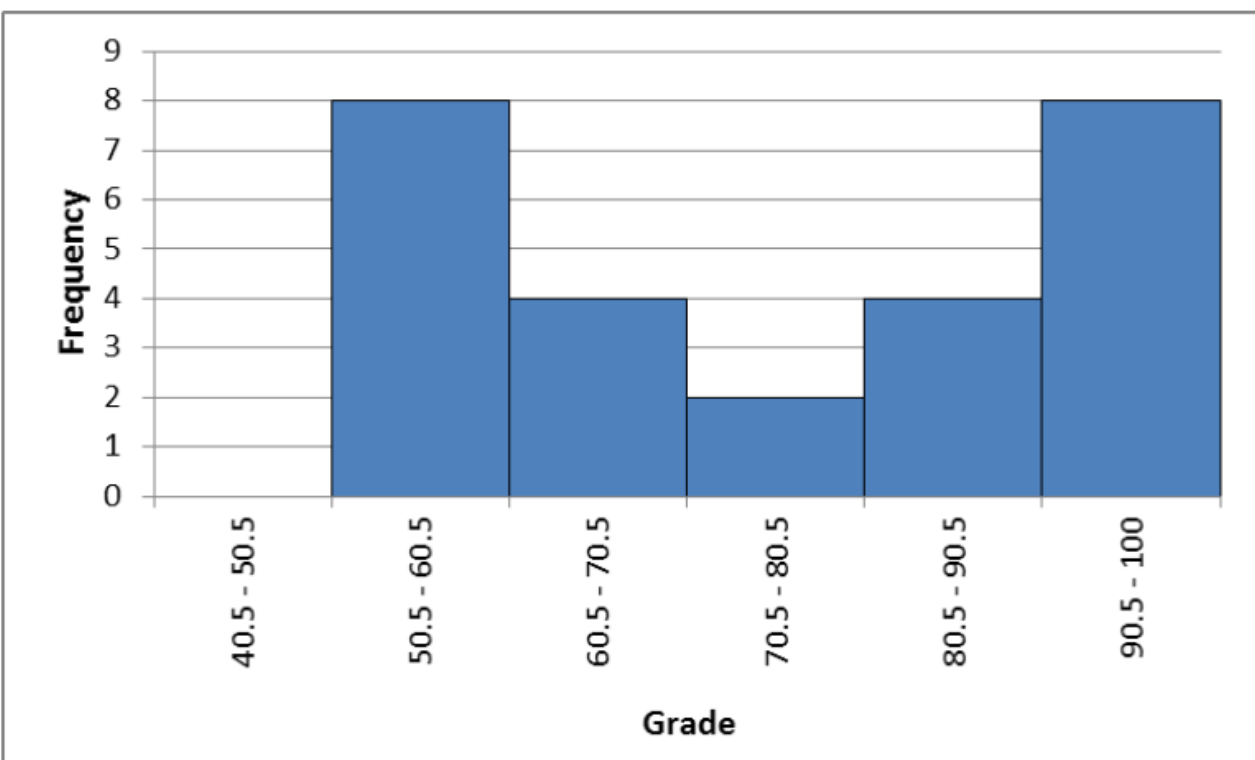
normal distributions

- intervals with _____

frequencies are at the _____

- frequencies _____ as

you move away from the centre

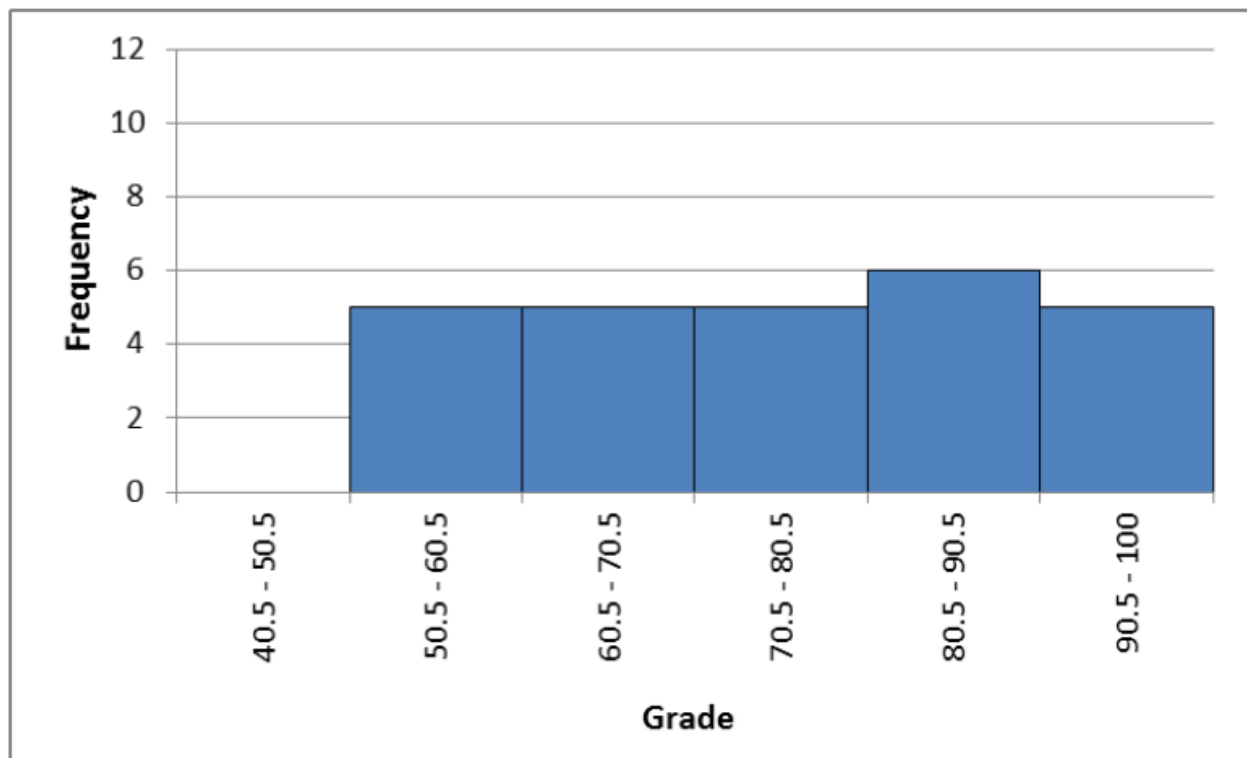


A. Symmetrical Distributions

3. Uniform Distributions

- the frequencies of each interval are

approximately _____.



B. Skewed Distributions

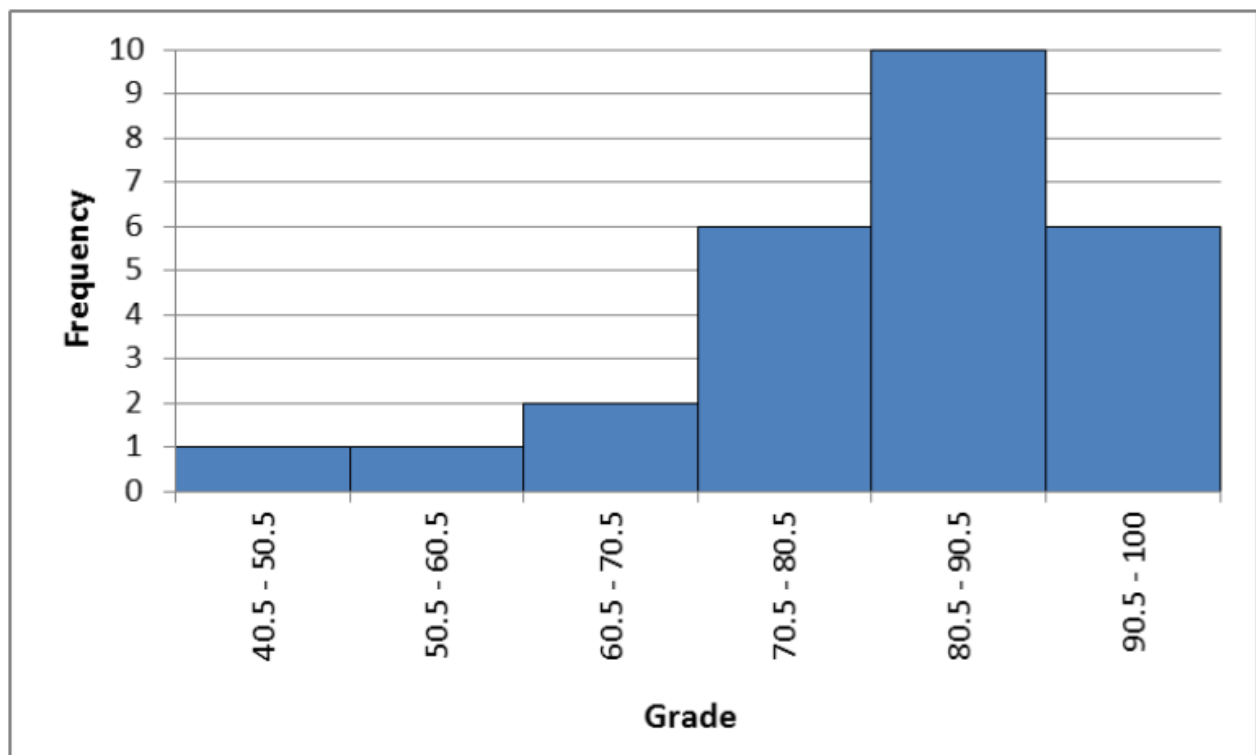
1. Left-Skewed

- intervals with _____

frequencies on the right

- frequencies _____ as you

move to the left

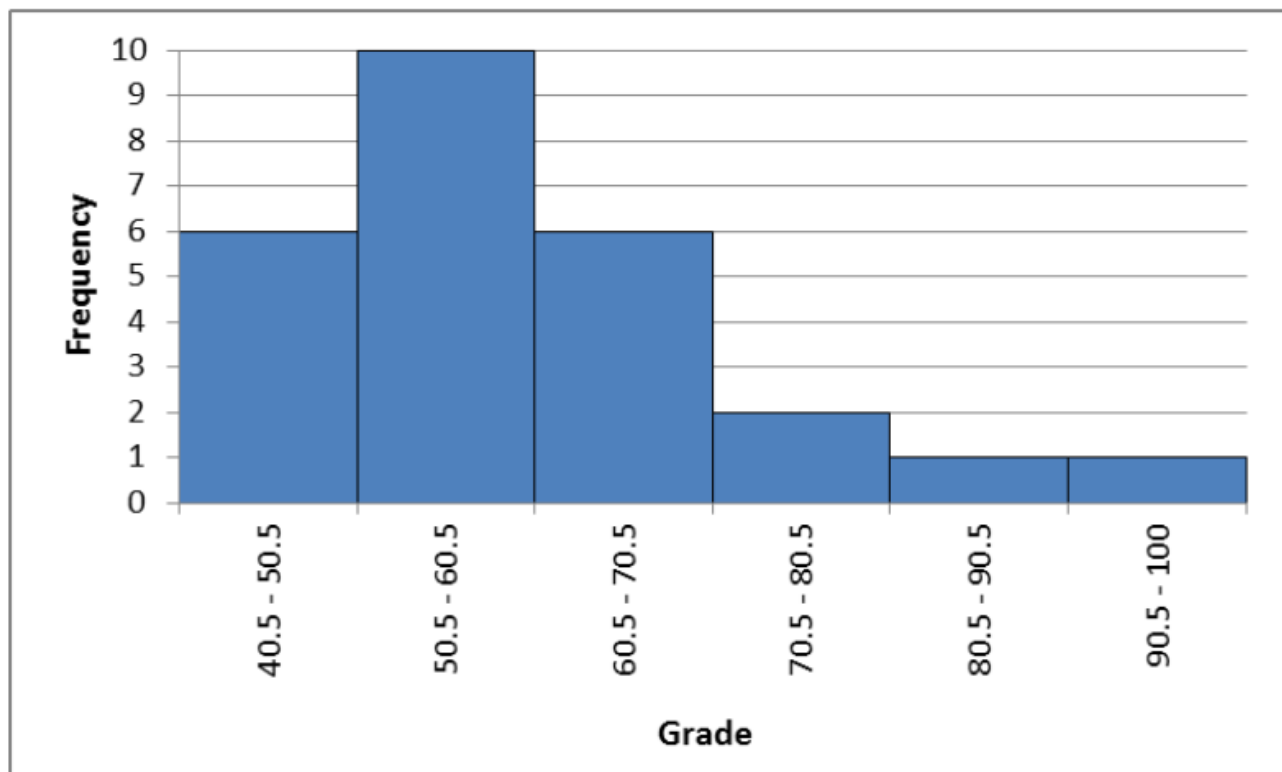


B. Skewed Distributions

2. Right-Skewed

- intervals with highest frequencies on
the _____.

- frequencies decrease as you move to
the _____.



Examples?

Normal Distribution

Bi-Modal Distribution

Uniform Distribution

Examples?

Left-Skewed Distribution

Right-Skewed Distribution