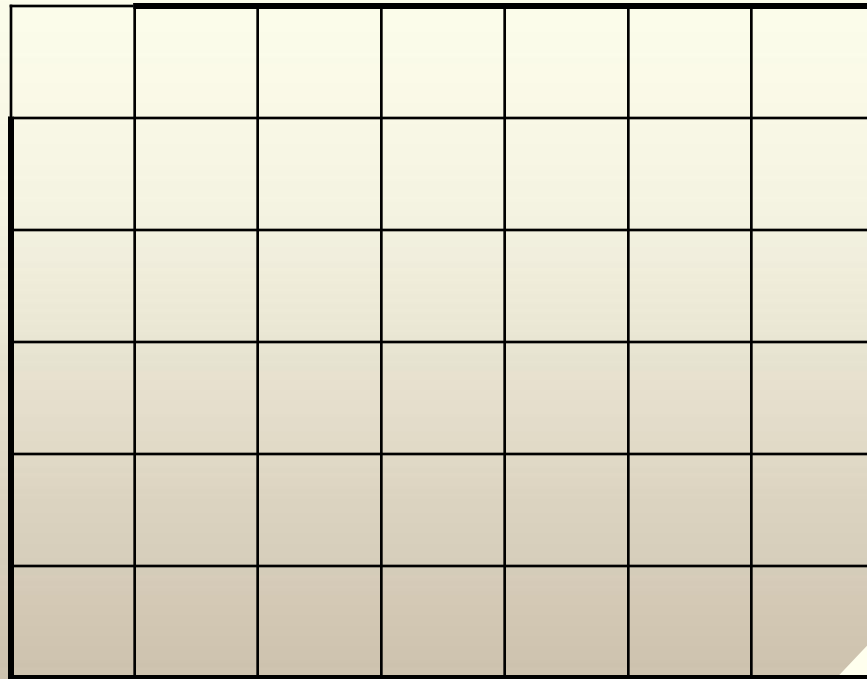


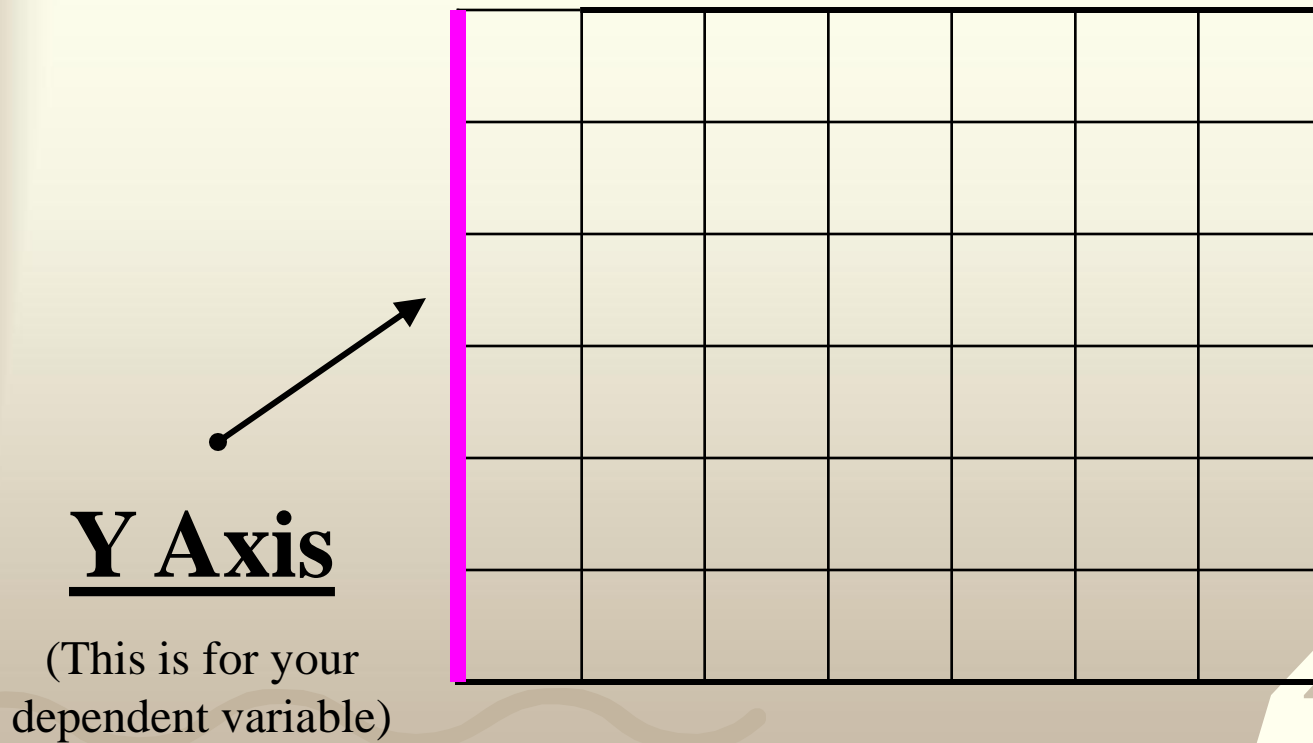
How to set up your graph!

0011



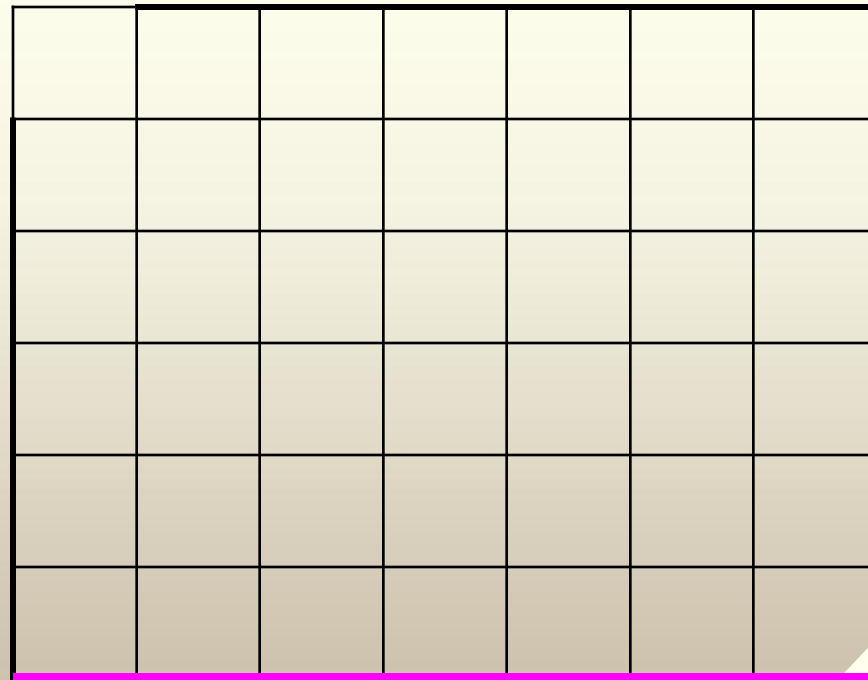
How to set up your graph!

0011



How to set up your graph!

0011



X Axis

(This is for your independent variable)



TAILS

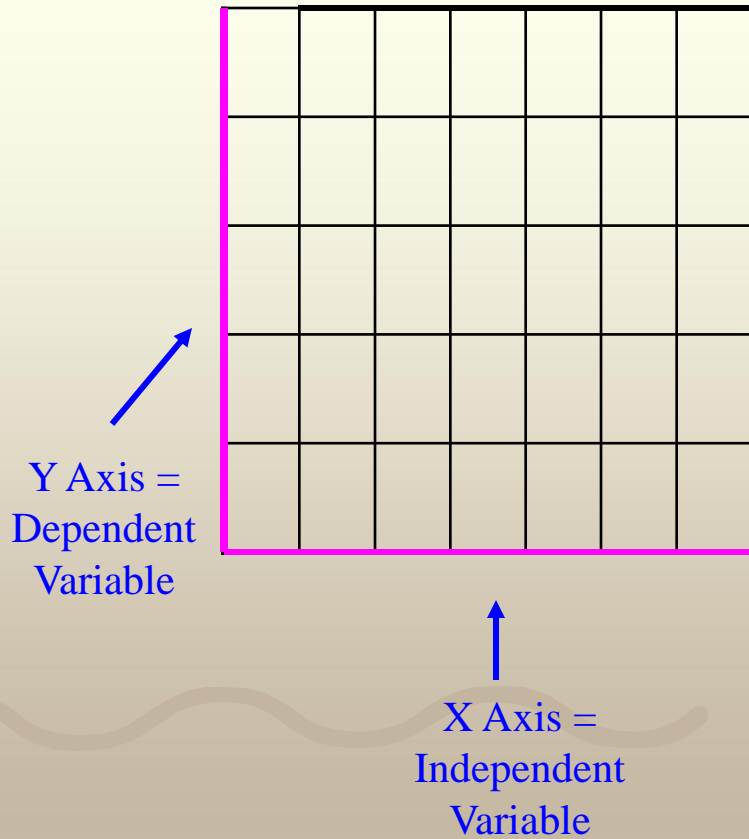
Teachers's Favorite Singer

T - Title



TAILS

Teachers's Favorite Singer



T - Title

A - Axis



TAILS

Teachers's Favorite Singer

Decide on an appropriate scale for each axis.

Choose a scale that lets you make the graph as large as possible for your paper and data

T - Title

A - Axis

S - Scale

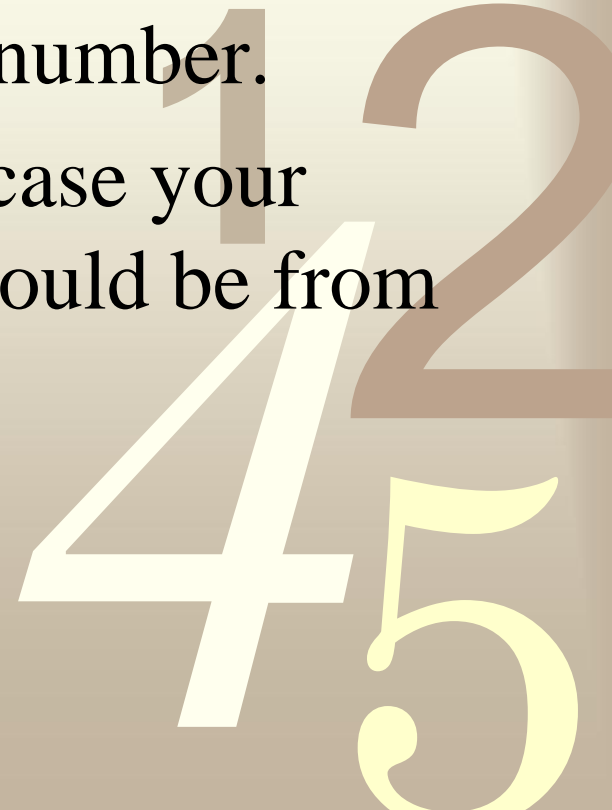


How to determine scale

0011

Favorite Singer	Number of Teachers
Toby Keith	22
Madonna	15
Elvis	11
Sting	5
Sinatra	2

- Scale is determined by your highest & lowest number.
- In this case your scale would be from 2 – 22.



How to determine Intervals

0011

Favorite Singer	Number of Teachers
Toby Keith	22
Madonna	15
Elvis	11
Sting	5
Sinatra	2

- The interval is decided by your scale.
- In this case your scale would be from 2 – 22 and you want the scale to fit the graph.
- The best interval would be to go by 5's.

TAILS

Teachers's Favorite Singer

The amount of space between one number and the next or one type of data and the next on the graph.

The interval is just as important as the scale

Choose an interval that lets you make the graph as large as possible for your paper and data

T – Title

A – Axis

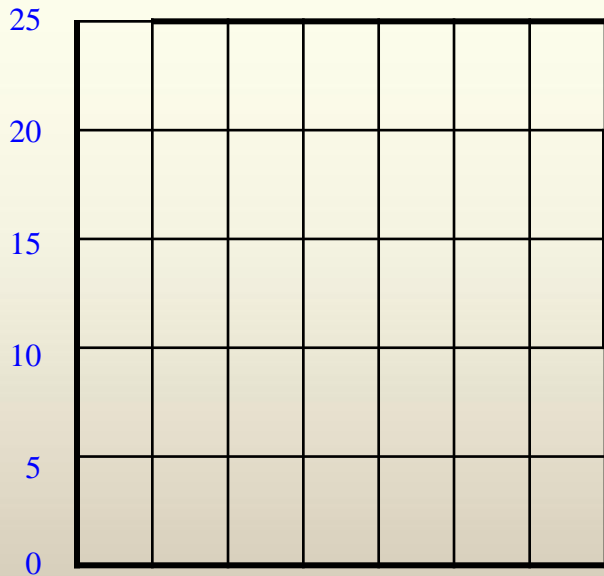
I – Interval

S – Scale



TAILS

Teachers's Favorite Singer



T – Title

A – Axis

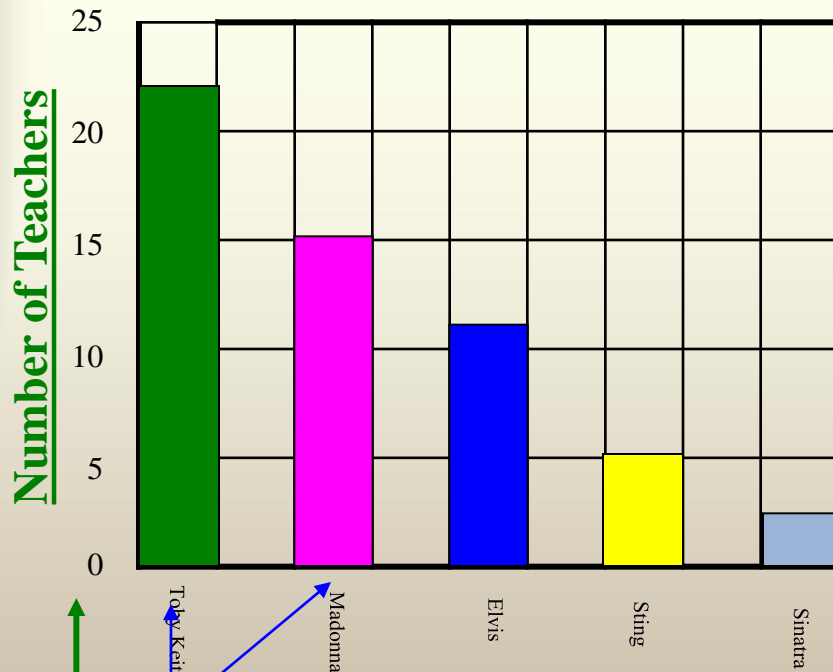
I – Interval

S – Scale



TAILS

Teachers's Favorite Singer



Label your Y Axis. What do those numbers mean?

Number of Teachers

LABEL your bars or data points

Singers

Give the bars a general label. What do those words mean?

T – Title

A – Axis

I – Interval

L – Labels

S – Scale



When to use...

• Bar graphs

- Used to show data that are not continuous.
- Allows us to compare data like amounts or frequency or categories
- Allow us to make generalizations about the data
- Help us see differences in data

• Line Graphs

- For continuous data
- useful for showing trends over time

