Drawing Graphs

February 10th

Independent variable vs Dependant variable

Independent Variable

Independent - When this variable can stand alone

Rainfall(mm) vs ==time(hours)==

Because time does not get influenced by rainfall

Think: _____per ___independant___

Dependant Variable

Dependent - replying on something

==Rainfall(mm)== vs time(hours)

Think: __dependant__ per _____

8. Zack wants to determine of the amount of time spent on social media has an effect on anxiety levels.
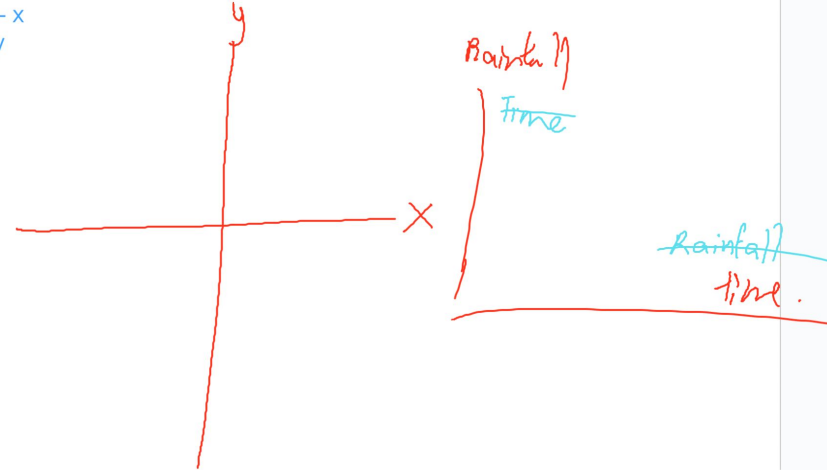
IV: DV:

Independant - x
dependant - y

Cupid wants to make a graph to see the percentage of people he shot today. There's the data he collected

Age	# of people
1-10	3
11-20	60
21-30	53
31-40	24

When making a graph you want to think of:

1. What type of graph is appropriate for the situation
2. Percentage → Pie chart
3.

$$\frac{3}{140} = \frac{x}{360}$$

$360° =$ Total amount ALL together

$3 \cdot 360 = 140x$

$1080 = 140x$

$\frac{1080}{140} = x$

$x \approx 7.7143$

$360° = 140$

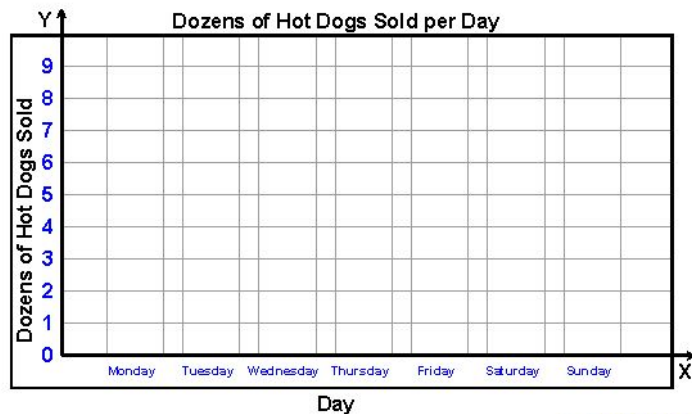$\frac{3}{140} = \frac{7.7143}{360}$

$\frac{170}{7.7143}$

360

Name : _____   Score : _____

Teacher : _____   Date : _____

Drawing Bar Graphs

Graph the given information as a bar graph.

Day	# of Hot Dogs Sold
Monday	84
Tuesday	60
Wednesday	12
Thursday	72
Friday	36
Saturday	48
Sunday	24

Dozens of Hot Dogs Sold per Day

Math-Aids.Com
Graph Worksheets

Make a graph of rain(cm) vs time

Time (p.m)	Rain (cm)
2:30	3
3:00	60
3:30	53
4:00	24