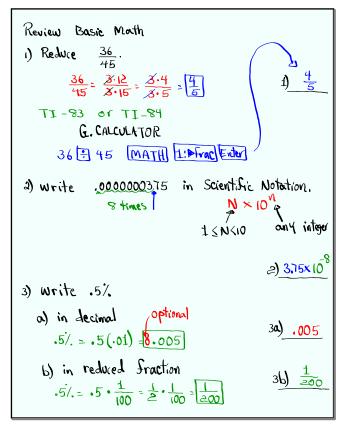


Feb 19-8:47 AM



Feb 28-8:09 AM

1) I took a Sample of 185 students and 3.2% of them were lest-handed. How many were lest-handed? If decircal, Round-up.

What is 3.2% of 185?

$$x = 3.2(.01) \cdot 185$$
 $= .032(185) = 5.92 \approx 6$

In a class of 40 Students, 8 got A for the class.

What % of the class got an A for grade?

8 is what percent of 40?

8 = $\frac{P}{100} \cdot 40$

8 = $\frac{40}{100} P$

100.8 = 100. $\frac{40}{100} P$

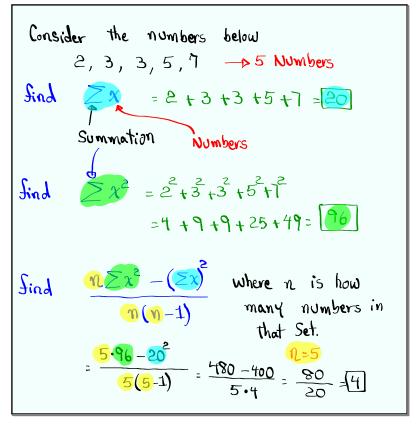
800 = 40 P

800 = 40 P

800 = 40 P

800 = 40 P

Feb 28-8:19 AM



Feb 28-8:27 AM

Use Your Calc. to simplify

1)
$$\frac{43-35}{8} : \frac{8}{5} : \frac{8}{5} : \frac{8}{5} : \frac{5}{8} : \frac{5}{8}$$

2) $1.96 \cdot \sqrt{\frac{(8)(.2)}{100}}$

2) $=1.96 \cdot \sqrt{\frac{.16}{100}} : 1.96 \cdot \frac{1}{100}$

2) $=1.96 \cdot \sqrt{\frac{.16}{100}} : 1.96 \cdot \frac{1}{100}$

Round

1-decimal $\rightarrow \cdot 1$

2-decimal $\rightarrow \cdot 08$

3-decimal $\rightarrow \cdot 078$

Feb 28-8:33 AM

! Factorial

$$n! = n(n-1)(n-2)(n-3) \cdot \cdot \cdot \cdot 3 \cdot 2 \cdot 1$$
 $0! = 1$
 $5! = 5 \cdot 4 \cdot 3 \cdot 2 \cdot 1 = 120$

Simplify

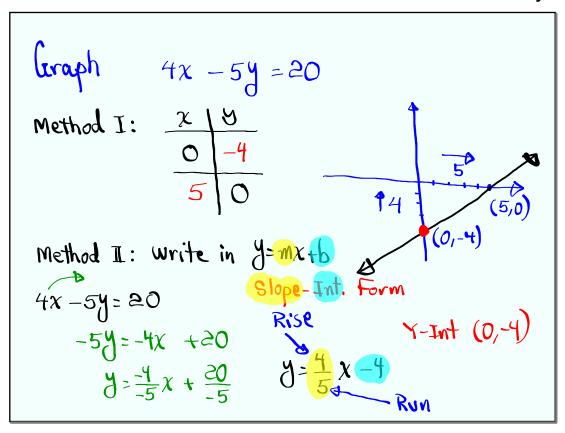
 $\frac{6!}{4!} = \frac{6 \cdot 5 \cdot 4 \cdot 3 \cdot 2 \cdot 1}{4 \cdot 3 \cdot 2 \cdot 1} = 6 \cdot 5$

Even

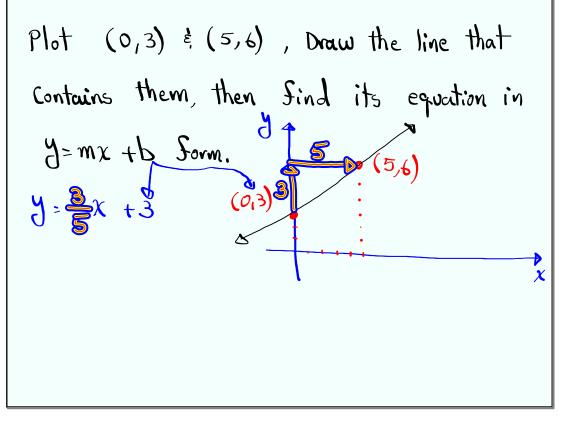
 $y = 4x - 30$

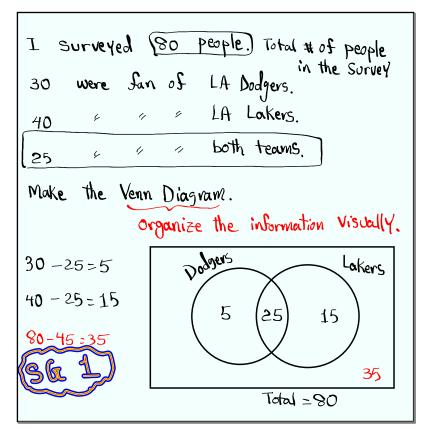
Sind x when $x = 7.5$
 $y = 4x - 30$
 $y = 4x - 30$

Feb 28-8:39 AM

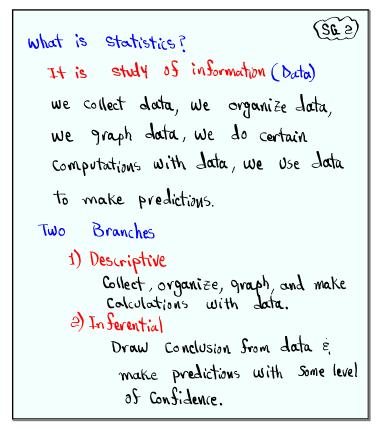


Feb 28-8:46 AM

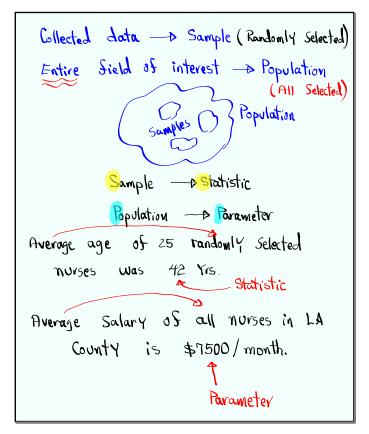




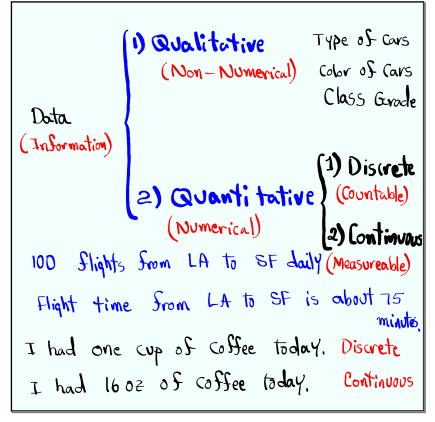
Feb 28-8:57 AM



Feb 28-9:30 AM



Feb 28-9:35 AM



Feb 28-9:40 AM

```
Level of measure ments:

1) Nominal -> Names

Eye color, Brand of Cars,

Sports type

2) Ordinal -> order is meaningful

Small, Med., Large, x-large

3) Interval -> Range of Values

90/.-100/.-> A

002 -4902 -> $2.75 Sor

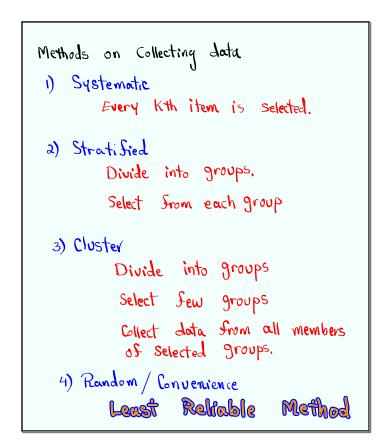
Postage

4) Ratio -> Ratio is meaningful

Small 1202 Ratio is 261,

Large 2402
```

Feb 28-9:47 AM



Feb 28-9:54 AM

Feb 28-10:03 AM

Given:
$$n=12$$
, $\geq x = 96$, $\geq x^2 = 768$
Compute

1) $\frac{\geq x}{n} = \frac{96}{12}$

2) $\frac{n \geq x^2 - (\geq x)^2}{n(n-1)}$

2) $\frac{12 \cdot 768 - 96}{12(12-1)}$

2) $\frac{12 \cdot 768 - 96}{132}$

Do not use

2) $\frac{9216 - 9216}{132} = \frac{0}{132}$

Do not use

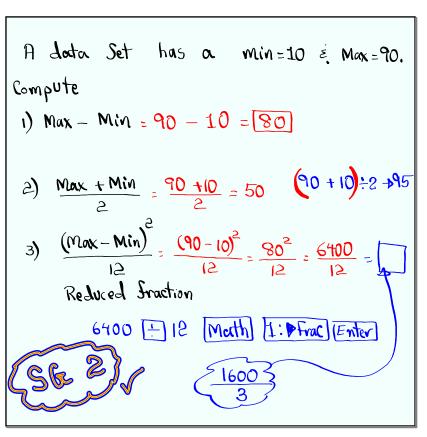
2) $\frac{9216 - 9216}{132} = \frac{0}{132}$

Feb 28-10:08 AM

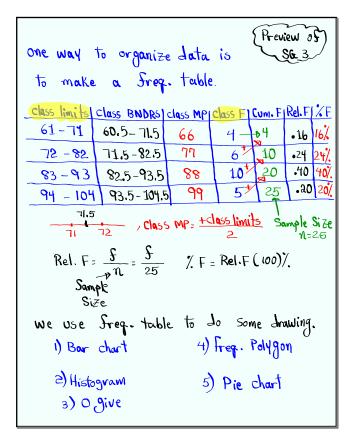
Observation VS. Experiment
You notice changes
Without taking
any action.

VS. Experiment
You notice changes
Aue to Some
action taken

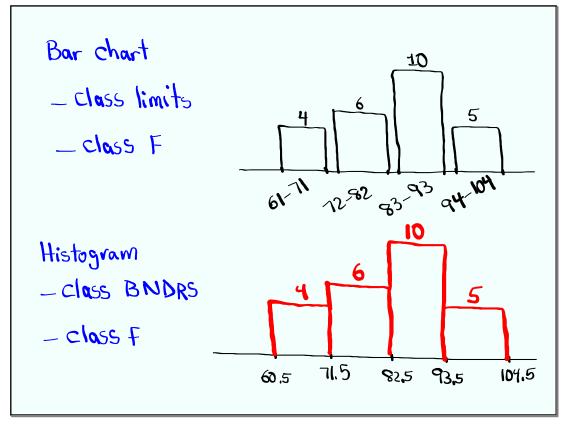
Feb 28-10:12 AM



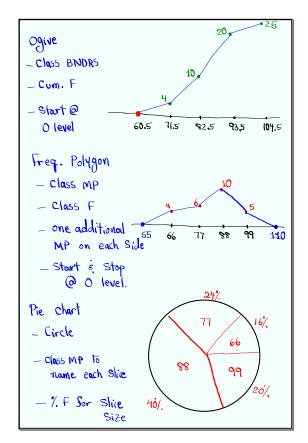
Feb 28-10:15 AM



Feb 28-10:36 AM



Feb 28-10:51 AM



Feb 28-10:55 AM