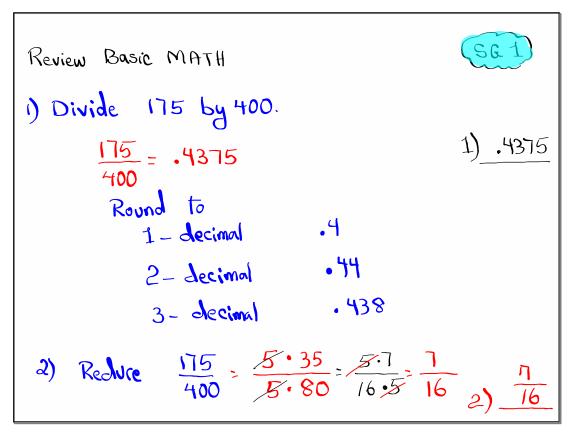


Feb 19-8:47 AM



3) write .25% in a) decimal .25% = .25(.01)= .0025 30).0025 b) reduced fraction $.25'_{1} = \underbrace{.25'_{100}}_{100} = \frac{1}{\frac{1}{4}} \cdot \frac{1}{\frac{1}{100}} = \underbrace{\frac{1}{\frac{1}{400}}}_{3b} \underbrace{\frac{1}{\frac{1}{400}}}_{3b}$ 4) 20% of 1250 people were Smokers. how many of them were not Smokers? 20/, -> Smokers what is 80/ 0\$ 1250? 80% -0 Not Smokers 80% (1250)= .80 (1250)=1000 4) 1000

Oct 23-7:31 AM

Use your calc to find

$$38 - 30$$

 $\frac{38}{\sqrt{85}}$
 $= \frac{18}{\frac{8}{5}} = \frac{18}{1.6} = 11.25$
Round up $\rightarrow 12$
Round to whole $\# \rightarrow 11$
 $= 1-decimal \rightarrow 11.3$

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Use Your Calc to Simplify
1.645
$$\cdot \sqrt{\frac{(.8)(.2)}{25}}$$

=1.645 $\cdot \frac{\sqrt{(.8)(.2)}}{\sqrt{25}}$ = 1.645 $\cdot \frac{\sqrt{16}}{\sqrt{25}}$
=1.645 $\cdot \frac{.4}{5}$ = .1316
Scientific Notation no any Integer
N × 10
 $\frac{1}{15N} < 10$
2.75 × 10^8 = 2.150000000 = 275,000,000
4.8 × 10^{-5} = 0.00004.8 = 0.000048
 \circ ptional

Oct 23-7:44 AM

A box has 8 red, T white, and 5 blue balls.
What percentage of balls are not red?
12 are not red
20 Total balls.
12 is what percent of 20?

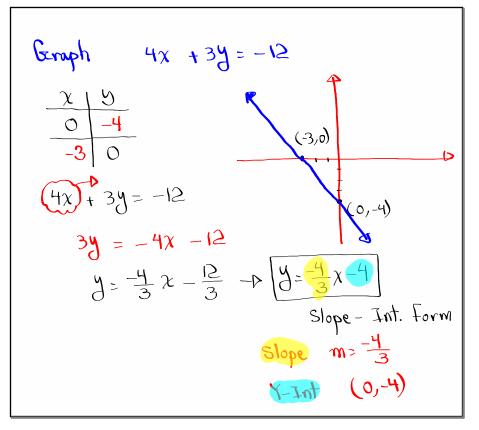
$$\frac{12}{20} \cdot 100 = 60$$

 $\frac{60\%}{20}$

Oct 23-7:59 AM

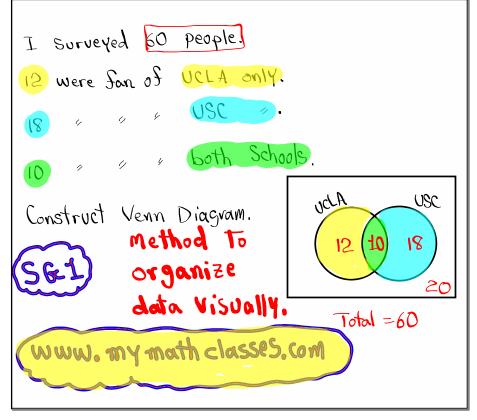
Consider
$$y = 2.4 \times -12$$

1) Sind y when $x = 5$
 $y = 2.4(5) -12$
 $z = 12 -12 = 0$
2) Sind x when $y = -18$.
 $-18 + 12 = 2.4x$
 $x = -6$
 $2.4x$
 $x = -2.5$



Oct 23-8:08 AM

Plot the points (0,3) and (5,9). Find the equation of the line that contains them in Slope-Int. Sorm. $\lambda = wx + p$ Rog Rise $y = \frac{6}{5}\chi + \frac{3}{4}$ (03 Ð



Oct 23-8:19 AM

SG2 Terminologies in Statistics: what is statistics? It is about collecting information (dota), organize the information, draw graphs, do certain computations, and draw Conclusion. Two Branches 1) Descriptive 2) Inferential

Descriptive Statistics: Collect Jata, organize and graph, Perform Certain Computations Inferential Statistics: Draw conclusion from descriptive Statistics with Some level of Confidence and make predictions.

Oct 23-8:58 AM

Entire field of interest => Population Keyword : All, every data randomly Selected From Population => Sample Keyword : Randmy Sew Population 3=> Parameter Population Sample 🚓 Statistic Average age of all doctors in USA is 50 Population Porometer The median monthly income of 30 randomly Selected nurses in LA county is \$5000. Sample Statistic

Oct 23-9:01 AM

1) Qualitative (Non-Numerical) Data 2) Quantitative (Numerical) 2) Continuous (Numerical) 2) Continuous (Measureable) Room Temp.

Oct 23-9:08 AM

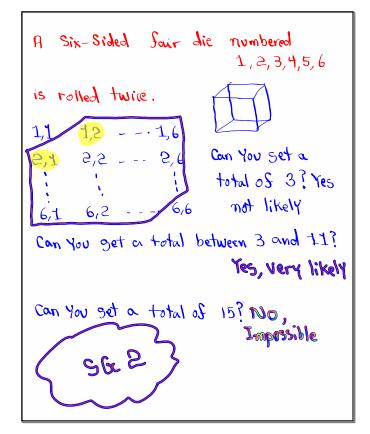
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Oct 23-9:18 AM

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Experiment Vs Observation Experiment : You take action and observe changes. Observation: No action taken but You observe changes. Simple Random Sample: Every item of the Sample has the Same chance of being delected.

Oct 23-9:31 AM



Class QZ 1
1) what Kind of calculator do we use
for this class?

$$TI-83 \text{ or } TI-84$$

2) Sind y when $x=8$ for $y=-5x+40$.
 $y=-5(8)+40$
 $=-40+40=0$

Oct 23-9:42 AM