

LAB #1

Background Problems...

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| _____ 1.) 4^2 | _____ 5.) If $x = 1, 2, 3, \& 4$ then $(\Sigma x)^2 = ?$ |
| _____ 2.) $ -12 $ | _____ 6.) If $x = 1, 2, 3, \& 4$ then $\Sigma x^2 = ?$ |
| _____ 3.) $(-5) + (-10)$ | _____ 7.) Solve for x : $(x - 5) / 10 = 6$ |
| _____ 4.) $(-8) - (-15)$ | _____ 8.) Solve for x : $(x * 2) - (3 + 7)^2 = 50$ |

Give the lower and upper limits of the following measurements...

- 1.) 7.25 million dollars = _____
- 2.) #17 booth number at the car show today = _____
- 3.) 36 inches = _____
- 4.) 7.3 miles to the Galleria = _____
- 5.) #30 Jersey number of a running back = _____
- 6.) 9.65 Average yards per pass attempt by a quarterback = _____
- 7.) 427 yards on Hole #1 of Bob Hope Golf Classic = _____

Match the following...

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| _____ 1). \$57.25, \$62.50, \$8.23 | A. Nominal |
| _____ 2). Gold, silver, and bronze medals (e.g., Olympics) | B. Ordinal |
| _____ 3). Male / female | C. Interval |
| _____ 4). Exxon, Shell, Texaco | D. Ratio |
| _____ 5). 6'2", 5'11", 5'4" | |
| _____ 6). Fahrenheit | |
| _____ 7.) Senior, Junior, Sophomore, Freshman | |

Define the following:

- 1.) Population:
- 2.) Parameter:
- 3.) Statistic:
- 4.) Sample:
- 5.) Independent Variable:
- 6.) Dependent Variable:
- 7.) Extraneous Variable: