

Name: _____

AP Statistics – Notation/Formulas Quiz
USE EXACT PROPER NOTATION!

1. _____ The formula for a confidence interval for means.
2. _____ Linear model predicting shoe size based on weight.
3. _____ The center of a confidence interval for proportions.
4. _____ Z-score.
5. _____ Proper notation of the hypotheses for a one-sample t -test (two-tailed)
6. _____ Formula used to find slope of a linear model.
7. _____ The General Multiplication Rule.
8. _____ Standard Error for proportions.
9. _____ Conditional Probability Formula.
10. _____ Proper notation of the hypotheses for a one-sample z -test (two-tailed)
11. _____ The mean of a sample.
12. _____ Standard deviation of the binomial distribution.
13. _____ Standard deviation of a sampling distribution for means.
14. _____ “fences” for the outlier rule.

15. _____

How to calculate a Residual.

16. _____

Standard deviation of the Random Variable $X - Y$.

17. _____

Relationship between Beta and Power.

18. _____

The Margin of Error for proportions.

19. _____

The probability of the *first* success occurring on the seventh try.

20. _____

Probability notation for disjoint events.