Name: _____ Date: _____

population vs sample regression (using symbols)

1. b1	A. statistical significance
2. b0	B. sum of squares of regression
3. e	C. population slope
4. Yhat	D. best fit line
5. Se	E. coefficient of determination
6. ß1	F. predicted y value
7. ßo	G. correlation coefficient
8. μy|x	H. population errors
9. σε	I. sample slope
10. ε	J. no linear relationship
11. r2	K. population regression line
12. r	L. sum of squares of total
13. SE(b1)	M. actual value of y
14. t	N. population intercept
15. pvalue	O. observed significance level
16. alpha	P. residuals
17. Sx	Q. test statistic
18. Sy	R. std. dev. of the sample slope
19. y	S. sum of squares of errors
20. ß1=0	T. sample intercept
21. SSE	U. standard deviation of y
22. SSR	V. population linear model
23. SST	W. stand. dev. of residuals
24. μy|x= ß0 + ß1X	X. st.deviation of x
25. y_i=ß_0+ß_1 x_i+ε_i	Y. stand. deviation of errors

26. $y_i=\beta_0+\beta_1 x_i+\varepsilon_i$

Z. mean of y for a given of x