Ridge & Lasso Questions (Make sure you watch the videos 1st)

1. The lambda parameter can be used to ____.
    A. Move from L2 regularization to L1 regularization
    B. Alter the amount of the error from a complex model

Your Answer: _ _B _ _ _ _ _

2. Regularization can be effective when trying to eliminate or reduce ____ .
    A. Underfitting
    B. Overfitting

Your Answer: _ _ _ _ _ _B _

_

3. Which of the following should also be considered when deciding between a simpler or a more complex model
    A. Sensitivity and importance of the accuracy of the result
    B. Cost of collecting data
    C. Linear regression vs. Classification

Your Answer: _ A & B _ _ _

_ _ _ _

4. Which of the following statements about the ridge regression is false?

    A. Ridge regression is used to prevent overfitting
    B. Ridge regression is used for regularization
    C. Ridge regression is a feature selection algorithm
    D. Ridge regression can prevent multicollinearity issues

Your Answer: _ _ C_ _ _ _ _

_

5. Which of the following statements about the lasso regression is false?

A. Lasso regression is used to prevent overfitting

B. Lasso regression is used for regularization

C. Lasso regression is a feature selection algorithm

D. Lasso regression can be used for classification

Your Answer: _ _D _ _ _ _ _

_