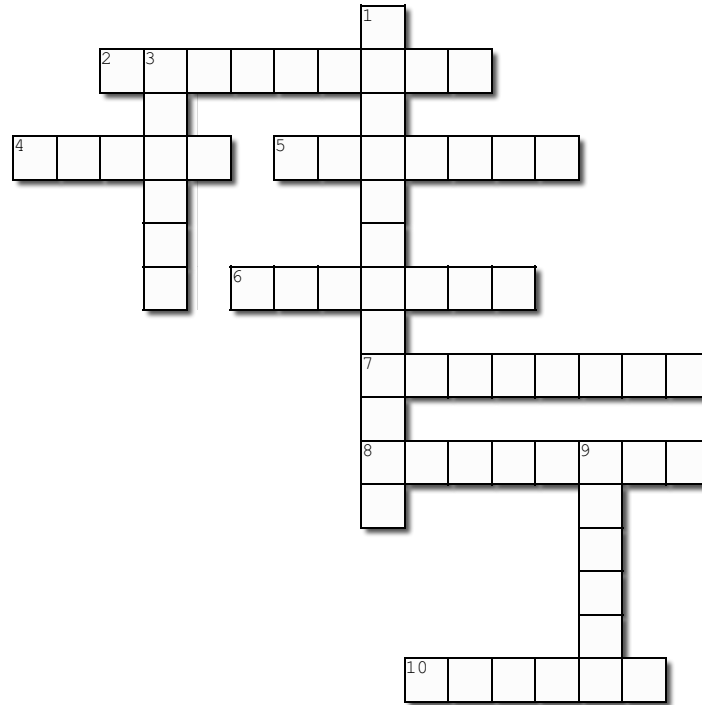


# The horses muscular skeletal system

Complete the crossword puzzle below



Created using the Crossword Maker on TheTeachersCorner.net

## Across

2. modeling response of bones is stimulated by ....
4. 3. The trained muscles are able to produce more energy because they are able to extract more oxygen from the .....
5. As the duration of the exercise bout increases, muscles become more able to utilize ..... energy
6. The body responds by adding WHAT in order to make the bone stronger and reduce the amount of strain
7. Bones, tendons, ligaments and muscles increase in size and .....
8. 4. Training results in an increase in the size and number of mitochondria within working skeletal muscle.
10. 1. The muscular system improves in the capacity to utilize ..... and fuel utilization improves

## Down

1. Putting horses in a stable without any additional exercise results in a loss of ..... relatively quickly.'
3. Bone responds more readily to the ..... of force placed on it, rather than how many times the force is applied.
9. Until bone is adapted to new forces placed upon it, taking too may strides at a fast speed will ..... rather than strengthen