Name:_____**Date:**_____
Identify the Independent (IV) and Dependent (DV) Variable of Each Scenario.

1. Justin wants to determine the effect of fertilizer on the growth of grass.
IV:_____   DV:_____

2. Randell wants to determine if salinity has an effect on his goldfish.
IV:_____   DV:_____

3. James wants to know the effect of studying an extra 10 minutes each day on his Biology grade.
IV:_____   DV:_____

4. Joelle wants to determine the effect of pesticides on the size of the apples in the orchard.
IV:_____   DV:_____

5. Billy wants to know if increasing his exercise will decrease the time it takes him to run a kilometer.
IV:_____   DV:_____

6. Angel wants to know if the type of detergent has an effect on the cleanliness of her clothes.
IV:_____   DV:_____

7. Madison wants to determine of the weight of the dog will have an effect on the number of puppies in the litter.
IV:_____   DV:_____

8. Zack wants to determine of the amount of time spent on social media has an effect on anxiety levels.
IV:_____   DV:_____

9. Conner wants to determine if the diet of a rat has an effect on the rats overall health (weight, bone density).
IV:_____   DV:_____

10. Allison wants to determine if the deer population in the area is influenced by the coyote population.
IV:_____   DV:_____