Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Science Ms. Hanna

**Part 1: Match the correct word with the definition provided**

\_\_\_\_\_\_ 1) To group items on how they are alike A. Conclusion

\_\_\_\_\_\_ 2) To suggest an answer to a problem B. Record and organize

\_\_\_\_\_\_ 3) To give a logical result to a problem C. Classify

\_\_\_\_\_\_4) To use your 5 senses to gather information D. Inference

\_\_\_\_\_\_5) To take down observations (data) and arrange them into a chart or a graph E. Hypothesize

\_\_\_\_\_\_6) A guess about the future based on the past F. Measure

\_\_\_\_\_\_7) To make a careful guess G. Predict

\_\_\_\_\_\_8) To give a possible explanation for an observation H. Estimate

\_\_\_\_\_\_9) To find the exact amount of something I. Observation

**Part 2: *Observation or Inference***

**Directions:** *Determine whether the statement is and inference or an observation based on the picture given. Write I for inference or O for observation.*



\_\_\_\_\_\_ 10) There are 2 pets in the picture

\_\_\_\_\_\_ 11) The cat likes table food

\_\_\_\_\_\_ 12) The dog is hungry

\_\_\_\_\_\_13) The baby is throwing food

\_\_\_\_\_\_ 14) The dog is going to eat all of the food

\_\_\_\_\_\_15) The cat is light in color

**Part 3: *Short Answer***

16) What are your 5 senses?

A) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ B) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

C) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ D) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

E) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_