**Variation of Traits Worksheet**

#1. Which of the following is an example of an **inherited** trait?

1. Speaking two languages
2. Scars
3. Eye color
4. Being able to fly

#2. Which of the following is an example of an **acquired** trait?

1. Hair color
2. Riding a bike
3. Height
4. Small nose

#3. Which of these factors can **negatively** affect a plant’s traits?

1. Lack of water
2. Good sunlight
3. High quality soil
4. All are positive factors

#4. Which of the following **does not** influence the traits of animals?

1. The traits of their parents
2. The traits of their grandparents
3. The environment
4. The traits of their friends

#5. If both mom and dad are big, their offspring will likely be what?

1. Small
2. Big
3. Medium
4. Microscopic

#6. Which of the following are different traits between these two cats?

1. Size
2. Fur color
3. Eye color
4. All of the above

#7. Which trait would allow a deer the best chance to outrun a predator?

1. Short legs
2. Medium legs
3. Long legs
4. None of the above

#8. If you were a mouse in this picture, what color would you want to be to avoid the predator (bird)?

1. Grey
2. Tan
3. Green
4. Red

#9. Circle whether each of the following traits are inherited or acquired.

1. A rhinoceros is big. Inherited Acquired
2. A cheetah runs fast. Inherited Acquired
3. A spider has long legs. Inherited Acquired
4. A cactus has sharp spines. Inherited Acquired
5. A dog can play fetch. Inherited Acquired
6. A lion has a scar on its leg. Inherited Acquired
7. A parrot can talk. Inherited Acquired
8. A cat is fat from eating a lot. Inherited Acquired
9. A rose has red petals. Inherited Acquired
10. An owl has orange eyes. Inherited Acquired
11. A penguin can swim quickly. Inherited Acquired

**Answers:** 1: C; 2: B; 3: A; 4: D; 5: B; 6: D; 7: C; 8: A; 9a: Inherited; 9b: Acquired; 9c: Inherited; 9d: Inherited; 9e: Acquired; 9f: Acquired; 9g: Acquired; 9h: Acquired; 9i: Inherited; 9j: Inherited; 9k: Acquired