

Name: \_\_\_\_\_

## Variation of Traits Worksheet

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

- a. Speaking two languages
- b. Scars
- c. Eye color
- d. Being able to fly

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

- a. Hair color
- b. Riding a bike
- c. Height
- d. Small nose

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

- a. Lack of water
- b. Good sunlight
- c. High quality soil
- d. All are positive factors

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

- a. The traits of their parents
- b. The traits of their grandparents
- c. The environment
- d. The traits of their friends

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

- a. Small
- b. Big
- c. Medium
- d. Microscopic

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

- a. Size
- b. Fur color
- c. Eye color
- d. All of the above



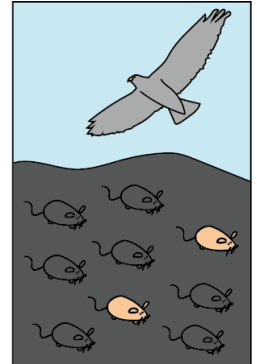
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#7. Which trait would allow a deer the best chance to outrun a predator?

- a. Short legs
- b. Medium legs
- c. Long legs
- d. 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)?

- a. Grey
- b. Tan
- c. Green
- d. Red



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

- |                                    |           |          |
|------------------------------------|-----------|----------|
| a. A rhinoceros is big.            | Inherited | Acquired |
| b. A cheetah runs fast.            | Inherited | Acquired |
| c. A spider has long legs.         | Inherited | Acquired |
| d. A cactus has sharp spines.      | Inherited | Acquired |
| e. A dog can play fetch.           | Inherited | Acquired |
| f. A lion has a scar on its leg.   | Inherited | Acquired |
| g. A parrot can talk.              | Inherited | Acquired |
| h. A cat is fat from eating a lot. | Inherited | Acquired |
| i. A rose has red petals.          | Inherited | Acquired |
| j. An owl has orange eyes.         | Inherited | Acquired |
| k. A penguin can swim quickly.     | Inherited | Acquired |