




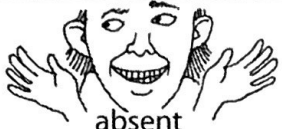












My Family's Traits

Student name _____

write a **+** or a **-** in the boxes below
indicating your family's traits

trait	dominant phenotype (+)	recessive phenotype (-)	me					
chin	 cleft	 no cleft						
eyelashes	 long	 short						
dimples	 present	 absent						
earlobes	 free	 attached						
freckles	 present	 absent						
tongue rolling	 yes	 no						
thumb	 straight	 hitch-hiker's thumb						
interlaced fingers	 left over right	 right over left						

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



Name: _____

#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 |