

Name: _____

Date: _____



GENIUSCHALLENGE

BRAIN PROCESSING OF SENSES

1. Which body system includes the brain and spinal cord?

- a. Digestive b. Circulatory c. Muscular d. Nervous

2. Fill in the missing word: "Similar to the way wires carry electricity, _____ carry electrical signals between our senses and the brain."

3. True or false: a signal from your senses reaches the brain instantly. _____

4. Which sense does Woody the termite use to follow Dr. Jeff's special pen line?

5. What are two things chameleons use their sense of sight for?

1. _____ 2. _____

6. What body part does a snake use to smell?

- a. skin b. tongue c. tail d. eyes

7. List these events in the order they occur. _____

- a. a rabbit nibbles some food
b. information about the food is sent to the rabbits brain through its nerves
c. the rabbit's 17,000 taste buds gather information about the food
d. the rabbit decides to eat the whole carrot
e. the rabbit's brain recognizes the food is a carrot

8. Why do human hearts beat faster when we are afraid?

9. What is reaction time?

10. True or false: sharks have a special sense that allows them to sense electrical signals from their prey.
