

Human Body: Pushing the Limits-Sensation

Name: _____ Date: _____ Hour: _____

1. What is one of the most sophisticated communication systems on the planet? _____
2. Each square inch of the hand has how many touch sensors? _____
3. How many nerves direct each hand? _____
4. Describe our nerves. _____ (write on back if you need more space)
5. How fast does information move in nerves? _____
6. Where are the most sensors in our bodies? _____
7. Where are our heat sensors? _____
8. What do heat sensors help to maintain? _____
9. Where is your central thermostat? _____
10. Can you get so hot you quit sweating? _____
11. What does pain signal us to do? _____
12. Why do pain nerves work more slowly than others? _____
13. The "jelly like" gap between nerves is called the _____.
14. The brain's way of stopping pain is stronger than _____.
15. Pain is one of the only ways that we might know that our body is _____.
16. What is the purpose of pain? _____
17. Excess blood sugar can damage _____.
18. What do people often do when they tell lies? _____
19. What is the stress hormone? _____
20. What does the dentist use to prevent the patient from experiencing pain? _____
21. The nerve or pain signals are changed to _____ signals.
22. These monks manage their pain by _____.
23. The lady is undergoing treatment using a specialized MRI in order to _____.
24. The human body is a _____ of nerves.
25. Are you ready to try hypnosis the next time you go to the dentist? Why or why not?
write your answer on the back