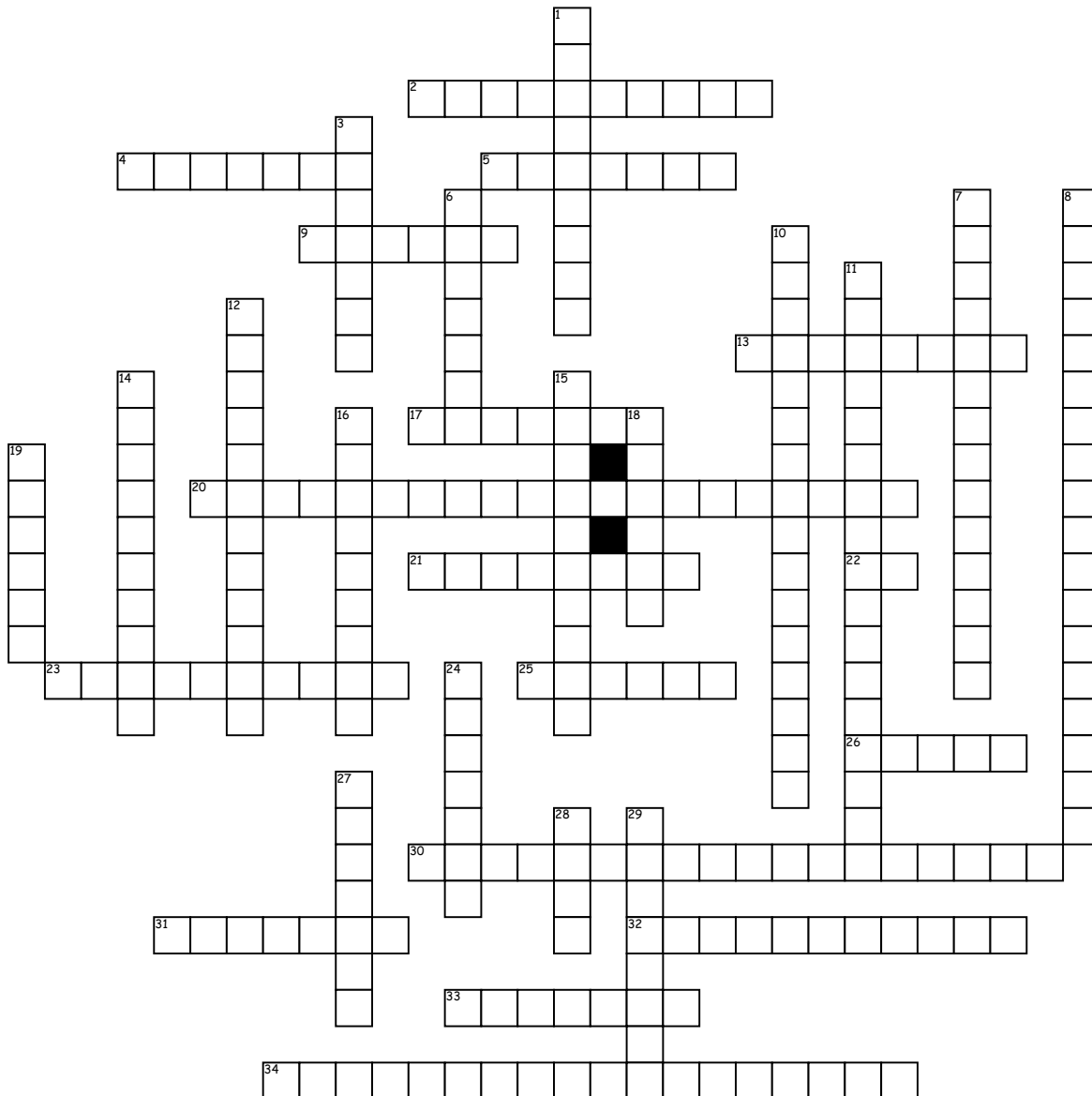


Name: _____

Date: _____

Hair Theory



Across

2. What protects the cuticle and maintains the pH of hair and skin?(Sebum and body perspiration mixes to form this)
4. What is the outer covering of the hair shaft, made up of overlapping layers of transparent cells?
5. What gives skin and hair it's color?
9. What is the second layer of the hair, consisting of unique protein structures(gives most pigment and strength)
13. What refers to the ability of the hair to absorb moisture, chemicals or liquids?
17. What is filled with capillaries (small blood vessels) that supply nourishment to the cells around it, called germinal matrix cells?
20. Most common form of alopecia
21. Grayness or white hair is known as?
22. What stands for the amount of potential hydrogen and is a numerical measurement that indicated the acidity or alkalinity of a water based substance?
23. Another name for dandruff (excessive flaking)
25. Baby fine hair is that is shed shortly after birth

26. Medical term for ring worm(red, circular patch of blisters)

30. Medical term for head lice(infestation of head lice on the scalp causing itching eventual infection)

31. What is the BRIEF transitional stage when all cell division stops (Stage only lasts a few weeks)

32. What is the name for the red/yellow colors of melanin?

33. Hair grows about how much per month?

34. Temporary hair loss at the conclusion of pregnancy

Down

1. What is the name for brown/black melanin?

3. What is the resting stage of hair growth when each hair bulb has no attached root sheath(the hair falls out at this time)

6. What is the central core of the hair shaft, also called the pith or marrow(often absent in fine or very fine hair)?

7. What is the process of cells changing their shape, drying out, and form keratin protein?

8. The muscle that causes the hair to stand on end when a person is scared or cold

10. Premature shedding of hair during the resting phase

11. baldness that occurs early in life, beginning as early as late adolescence

12. What type of hair replaces vellus hair after puberty?

14. What is the ability of they hair to stretch and return back to its natural shape without breaking?

15. In tightly curled hair the follicle grows from the scalp at a strong angle producing what shape?

16. Scales, thick, crusty patches of red irritated scalp(autoimmune disorder of the skin)

18. The active growing stage in hair, when each hair bulb has an attached root sheath is what stage?

19. What decreases the concentration of hydrogen ions when placed in water?

24. Medical name for itch mites (red and vesicles or pus filled areas caused by an animal parasite burrowing under the skin)

27. What is hair primarily made up of?

28. What is a substance that increases the concentration of hydrogen ions when placed in water?

29. Excessive hair loss, may be caused by fungal or bacterial infection or inflammatory disease of the scalp is called what?