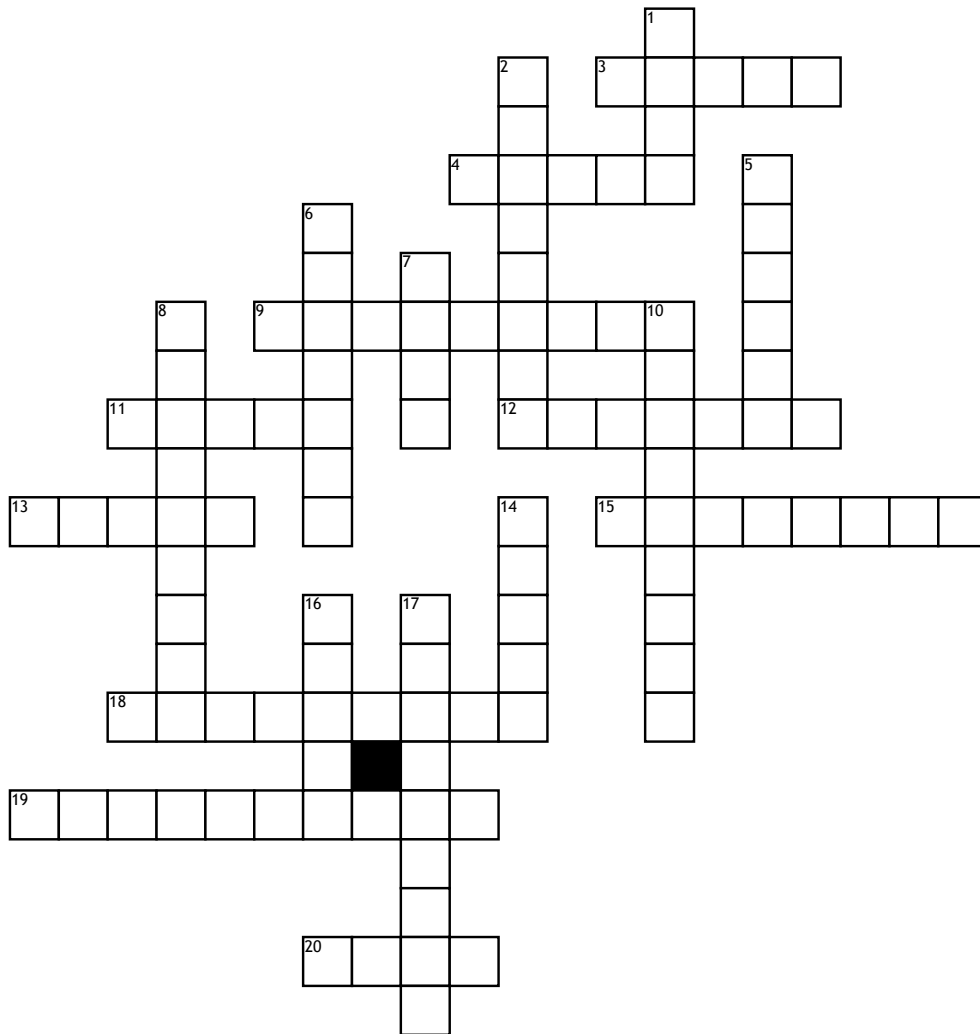


Fiber Crossword Puzzle



Across

3. What is a synthetic fiber that was created in 1910 and is described as one of the first synthetic fibers?

4. The simplest and most common weave pattern is?

9. Counting the number of _____ is an example of physical characteristics that can be examined.

11. Natural fibers originate from _____ and animal sources.

12. _____ is known for its extreme elastic properties.

13. In reference to the collection of fiber evidence clothing items should be wrapped individually in _____ bags

15. Fibers can be characterized based on comparison of both physical and what other property?

18. Fibers have what type of value?

19. Fabrics that have been torn and can be pieced together like a puzzle are easy to match and classify as _____ evidence

20. What is the most common animal fiber?

Down

1. What is a continuous strand of fibers or filaments, either twisted or not?

2. Synthetic fibers are made of _____, which are long chains of repeating chemical units?

5. Synthetic fibers are forced out of a _____ when they are hot, and then they are woven

6. Fabric is made up of fibers. Fibers are made of _____ filaments.

7. what is a lengthwise yarn?

8. The four synthetic fibers are: Nylon, _____, Acrylic, and Spandex.

10. What sort of fibers are 'man made'?

14. Textiles can initially be categorized by their _____ patterns.

16. Fibers are considered what sort of evidence?

17. _____ test involves burning the fiber to evaluate the ash, behavior in the flame and the smell associated with the fibers.

Word Bank

- polyester chemical class plain filaments warp spandex
 wool individual oxidation polymers synthetic yarn twisted
 probative nozzle plant weave paper rayon