



Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

**FEISTY FIBERS**

A crossword puzzle grid with 29 numbered starting points for words. The grid is 20 columns wide and 20 rows high. The starting points are:

- 1: Top-left corner (1,1)
- 2: Top-right corner (20,1)
- 3: Row 2, Column 11
- 4: Row 3, Column 1
- 5: Row 3, Column 4
- 6: Row 4, Column 11
- 7: Row 5, Column 14
- 8: Row 5, Column 16
- 9: Row 5, Column 17
- 10: Row 6, Column 11
- 11: Row 7, Column 8
- 12: Row 7, Column 14
- 13: Row 7, Column 15
- 14: Row 8, Column 6
- 15: Row 8, Column 19
- 16: Row 9, Column 3
- 17: Row 9, Column 6
- 18: Row 9, Column 7
- 19: Row 10, Column 4
- 20: Row 11, Column 11
- 21: Row 12, Column 1
- 22: Row 12, Column 2
- 23: Row 13, Column 11
- 24: Row 13, Column 14
- 25: Row 14, Column 6
- 26: Row 15, Column 8
- 27: Row 15, Column 14
- 28: Row 16, Column 11
- 29: Row 17, Column 8



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**FEISTY FIBERS - CLUES**

**ACROSS**

- 3. The ability of a fiber to hold moisture.
- 4. A synthetic fiber which washes easily and resists wrinkling but retains oily stains.
- 6. A natural, lustrous, lightweight fiber from worms.
- 8. A synthetic fiber which does not burn and is resistant to sun and moisture.
- 10. A synthetic fiber which is very strong but is dulled by chlorine bleach.
- 11. What you can do to see if the fiber content is natural or synthetic.
- 12. Fibers that come from animal or vegetable sources.
- 16. Fibers that do not come from animal or vegetable sources.
- 20. The spiral arrangement of the fibers around the axis of the yarn; binds the fibers together and gives the yarn strength.
- 21. A synthetic fiber that has a lot of stretch to it.
- 24. Fibers that are short enough to be measured in inches.
- 25. When two or more fibers are put together in a fabric.
- 26. A synthetic fiber made from wood pulp.
- 28. The ability of a fiber to hold its shape; very little wrinkle.
- 29. A synthetic fiber which is soft, bulky, washable, and wool-like.

**DOWN**

- 1. The abbreviation for the Textile Fiber Product Identification Act.
- 2. A natural, warm, springy fiber from sheep.
- 5. Fibers long enough to be measured in yards.
- 6. A device similar to a shower head through which chemical solutions used in man-made fabrics are forced.
- 7. A natural fiber from flax plants.
- 9. A term for natural fibers made from vegetables.
- 13. The kind of residue when natural fibers are burned.
- 14. A natural fiber from a plant by the same name.
- 15. The dye is put into this fiber form before it is made into fabric.
- 17. The name of the plant from which linen is made.
- 18. A natural, absorbent, soft, washable fiber from a plant.
- 19. Another term for man-made fibers.
- 22. A term for natural fibers with an animal origin.
- 23. A family name; not a trade name.
- 25. The kind of residue when synthetic fibers are burned.
- 27. A fine thread-like particle of plant, animal, or chemical.