

FIBER TRAITS

KEY

Name _____ Period _____

DIRECTIONS: Match each fiber to its characteristics by writing in the blank the number that corresponds best to the traits.

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| <u>5</u> acetate | 1. | Natural, lustrous, lightweight fiber from worms that is strong and smooth. |
| <u>7</u> acrylic | 2. | Natural, absorbent, washable fiber that does not spring back into shape (wrinkles) but absorbs moisture well. |
| <u>2</u> cotton | 3. | Natural, warm fiber that returns to original shape quickly. |
| <u>4</u> linen | 4. | Natural fiber from flax plant that absorbs moisture well and will mildew if stored in a damp place. |
| <u>6</u> nylon | 5. | Synthetic fiber which is very strong and tends to build up static electricity. It does not shrink. |
| <u>9</u> polyester | 6. | Synthetic fiber which is very strong and tends to build up static electricity. It does not shrink. |
| <u>8</u> rayon | 7. | Synthetic fiber which is soft, warm and lightweight. |
| <u>10</u> spandex | 8. | Synthetic fiber from wood pulp that absorbs moisture, is weak and does not spring back to shape. |
| <u>1</u> silk | 9. | Synthetic fiber which washes easily and resists wrinkling but retains oily stains. |
| <u>3</u> wool | 10. | Synthetic fiber that stretches, is lightweight, strong and durable. |

BLANK NAMES: Match the brand name to the generic fiber by writing the letter(s) in the blank.

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|------------------------|----|-----------|
| <u>C I</u> acetate | A. | Antron |
| | B. | Lycra |
| <u>D E M</u> acrylic | C. | Chromspun |
| | D. | Creslan |
| <u>A L</u> nylon | E. | Orlon |
| | F. | Coloray |
| <u>G H J</u> polyester | G. | Dacron |
| | H. | Fortrel |
| <u>F K</u> rayon | I. | Celacloud |
| | J. | Kodel |
| <u>B</u> spandex | K. | Avril |
| | L. | Quiana |
| | M. | Acrilan |