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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Fibers, Fabrics, and Finsihes

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  | 1  D | O | B | B | Y | W | E | A | V | E |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2  C |  |  |  |  |  |  |  |  | 3  N |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | U |  |  |  |  | 4  P |  |  |  | N |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | R |  |  |  |  | I |  |  |  | W |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | S |  | 5  T |  |  | L |  |  |  | O |  | 6  W |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 7  I | N | T | E | R | W | O | V | E | N |  |  | V |  | E |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | S |  | I |  |  | W |  |  |  | E |  | F |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | L |  | 8  W | E | F | T | K | N | I | T | S |  |  |
|  |  |  | 9  P |  |  |  | 10  I |  |  |  |  |  | 11  W |  | 12  R |  | L |  |  | A |  |  |  | F |  | Y |  |  |  |
|  |  |  | L |  |  |  | N |  |  |  |  | 13  S | A | T | I | N | W | E | A | V | E |  |  | A |  | A |  |  |  |
|  |  |  | A |  |  |  | T |  |  |  | 14  J |  | L |  | B |  | E |  |  | E |  |  |  | B |  | R |  |  |  |
|  |  |  | I |  |  |  | E |  |  |  | E |  | E |  | K |  | A |  |  |  |  |  |  | R |  | N |  |  |  |
|  |  |  | N |  | 15  W | A | R | P | Y | A | R | N | S |  | N |  | V |  |  |  |  |  | 16  B | I | A | S |  |  |  |
|  |  |  | W |  |  |  | L |  |  |  | S |  |  |  | I |  | E |  |  |  |  |  |  | C |  |  |  |  |  |
|  |  |  | E |  |  | 17  D | O | U | B | L | E | K | N | I | T | S |  |  |  |  |  | 18  R | A | S | C | H | E | L |  |
|  |  |  | A |  |  |  | O |  |  |  | Y |  |  |  | S |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | V |  |  |  | P |  |  |  | K |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 19  S | E | A | M | L | E | S | S | K | N | I | T | S |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  | 20  T | R | I | C | O | T | K | N | I | T | S |  |  |  |  |  |  |  |  |
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| **Across**  **1.** Small geometric designs are woven with what weave?  **7.** Weaving is inter-----?  **8.** Made on either flat or circular knitting machines.  **13.** Yarns float on the surface to give it luster or shine.  **15.** Yarns that run lengthwise in woven fabric.  **16.** The diagonal grain of a fabric; provides the greatest stretch in the fabric.  **17.** Two yarns and two needles are used; heavier and sturdier.  **18.** An extra yarn is used to create a patterned design.  **19.** Knitting that involves the production of a whole garment in one piece on a knitting machine so that little or no sewing is required.  **20.** Stable knits that lie flat and do not run or ravel. | **Down**  **2.** Yarns that run the crosswise direction, like weft yarns in woven.  **3.** Made from fibers, not yarns.  **4.** The raised surface or nap of a fabric.  **5.** Filling yarns pass over and under one or more warp yarns.  **6.** Yarns that run crosswise in woven fabric.  **9.** The simplest weave where the filling yarns pass over and under each warp yarn.  **10.** Knitting is inter------?  **11.** Yarns that run in the lengthwise direction, like warp yarns in woven.  **12.** Vertical ribs (columns of stitches) used for neck, wrist, and bottom bands.  **14.** Most common weft knit. |