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

Fibers, Fabrics, and Finsihes

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|  |  |  |  |  |  |  |  |  |  |  |  | 7I |  N |  T |  E |  R |  W |  O |  V |  E |  N |  |  |  V |  |  E |  |  |  |
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|  |  |  | 9P |  |  |  | 10I |  |  |  |  |  | 11W |  | 12R |  |  L |  |  |  A |  |  |  |  F |  |  Y |  |  |  |
|  |  |  |  L |  |  |  |  N |  |  |  |  | 13S |  A |  T |  I |  N |  W |  E |  A |  V |  E |  |  |  A |  |  A |  |  |  |
|  |  |  |  A |  |  |  |  T |  |  |  | 14J |  |  L |  |  B |  |  E |  |  |  E |  |  |  |  B |  |  R |  |  |  |
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|  |  |  |  N |  | 15W |  A |  R |  P |  Y |  A |  R |  N |  S |  |  N |  |  V |  |  |  |  |  | 16B |  I |  A |  S |  |  |  |
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|  |  |  |  E |  |  | 17D |  O |  U |  B |  L |  E |  K |  N |  I |  T |  S |  |  |  |  |  | 18R |  A |  S |  C |  H |  E |  L |  |
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|  |  | 19S |  E |  A |  M |  L |  E |  S |  S |  K |  N |  I |  T |  S |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  | 20T |  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. |