

Different Fabrics

Darci's 4-H group is learning about how fabric is made. Fabric is cloth made from fiber that is spun into yarn. Cloth is most often woven or knitted. Darci's 4-H leader wants each member to bring 4 examples of different woven fabrics to the next meeting. Choose the best samples of fabric for Darci to bring. Rank the choices from best to worst.

1. Interfacing, felt, tricot, lace
2. Chenille bathrobe fabric, terry cloth, stretch denim, nylon spandex swimsuit fabric
3. Cotton sheeting, corduroy, flannel, chambray
4. T-shirt fabric, interlock, fleece, satin

Rank: 3 2 4 1

Cuts: 4 4 7

(Hormel scores, for online score calculations see:

<http://www.worldaccessnet.com/%7Enormans/hormel.html>)

References: Washington State 4-H Clothing and Textiles Leader's Guide, *Clothing Capers* (for ages 9-11), Lesson 3, CUTTING EDGE

Reasons:

3. Darci has brought 4 fabrics just like her leader asked. This is her best choice as all the fabrics are wovens.
2. Darci brought 4 fabrics but only 3 of them are woven. The nylon-spandex is a knit. The stretch denim is a woven fabric with one thread that is stretchy.
4. This is Darci's 3rd best choice. She brought 4 fabrics but only one is a woven. Satin is the only woven fabric.
1. This is Darci's worst choice. She brought 4 fabrics but none of them are woven. Two of them are knits and two are neither a woven nor a knit. The felt and the interfacing are made from manufactured fibers that have been heated and pressed together to form fabric.

Fibers Used to Make Cloth and Other Fabric Items

Jason's 4-H club is learning about what fabric is made from. His leader has asked them to bring 4 pieces of clothing or other fabric items made from natural fibers to their next meeting. Choose the best things for Jason to bring. Rank the choices from best to worst.

- | | |
|--|--|
| 1. Wool jacket
Silk scarf
Cotton T-shirt
Linen skirt | 3. Wool sweater
Silk blouse
Cotton boxer shorts
Nylon-spandex swimsuit |
| 2. Rayon dress
Acrylic sweater
Acetate Halloween costume
Polyester blouse | 4. Wool scarf
Silk necktie
Cotton pillowcase
Linen table napkin
Rayon blouse |

Rank: 1 4 3 2

Cuts: 1 3 11

(Hormel scores, for online score calculations see:

<http://www.worldaccessnet.com/%7Enormans/hormel.html>)

References: Washington State 4-H Clothing and Textiles Leader's Guide, *Clothing Capers* (for ages 9-11), Lesson 3, CUTTING EDGE

Reasons:

1. This is the best selection of things for Jason to bring. His leader asked him to bring 4 items. He has chosen four items made from 4 common natural fibers, silk, wool, cotton, and linen.
4. This is the next best selection of items for Jason. Jason made the mistake of bringing 5 items and one is not made from a natural fiber. Rayon is considered a manufactured fiber made from wood pulp.
3. This is the 3rd best choice. Jason brings 4 items but only three are made from natural fibers. The swimsuit is made from nylon-spandex, which is a manufactured fiber.
2. This is the worst choice. Jason brings four items but they are all made from manufactured fibers.