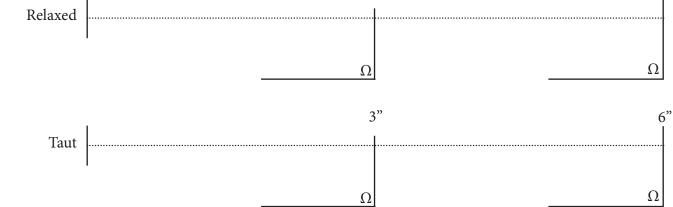
EXPERIMENTAL TEXTILES Understanding Conductive Yarns

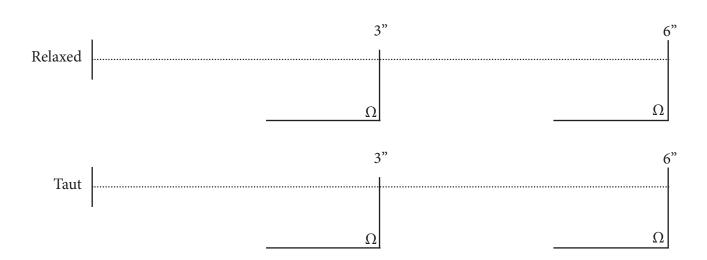
Sample 1:_____ 3" 6" Relaxed Ω Ω 3" 6" Taut Ω Ω How does resistance change with length and tension? Why? Consider the structure of the yarn. Sample 2: 3" 6"



How does resistance change with length and tension? Why? Consider the structure of the yarn.

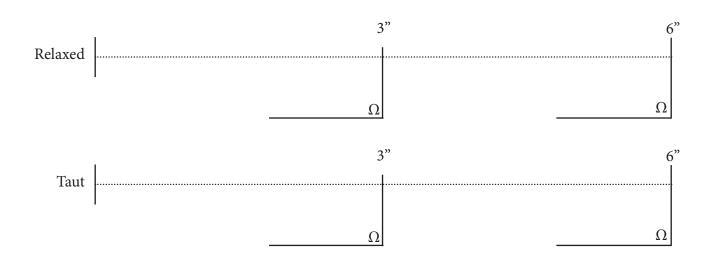
Name:





How does resistance change with length and tension? Why? Consider the structure of the yarn.

Sample 4:_____



How does resistance change with length and tension? Why? Consider the structure of the yarn.

EXPERIMENTAL TEXTILES Understanding Conductive Yarn Structures

The images below describe how the metal and non-metal elements of the yarn are oriented. This can help explain resistance behaviors. Each row contains an: image; generalized cross-section (with black representing metal and outlined representing non-metal); and a generalized drawing of the length of the structure

Karl Grimm Silver

