

Name \_\_\_\_\_

## The Magic of Color and Patterns in Clothing

### Short Answer Key

1. A common example is the houndstooth pattern, which is created through weaving or knitting by alternating dark and light threads to form a distinctive checkered pattern.
2. Dyeing involves immersing the entire fabric in a dye bath to color it uniformly, while printing selectively applies color or patterns to specific areas of the fabric's surface.
3. Indigo, derived from indigo plants, is a traditional natural dye mentioned in the passage.
4. Tie-dye is a technique where sections of fabric are bound or tied tightly before applying dyes. The dye is absorbed unevenly, creating unique and colorful patterns with variations in color intensity and shape.
5. Technology has introduced innovations such as digital printing and 3D printing, allowing for highly detailed patterns, customizable designs, and the addition of texture and dimension to fabrics.

