

The Cookie Problem

Problem to be solved: Which girl wore which color?

Clues:

- Rachel, Linda, and Eve were friends sitting in a circle on the grass. Rachel passed three chocolate chip cookies to the person in blue. *Who wore which color?*
- Eve passed three macaroons to the person who passed her cookies to the person wearing green. *Who wore which color?*
- Each person passed three cookies to the friend on her left. *Who wore which color?*
- Rachel, Linda, and Eve were dressed in red, blue, and green, but not necessarily in that order. *Who wore which color?*
- The person who was wearing green did not get a macaroon. *Who wore which color?*
- The person wearing red passed along three oatmeal cookies. *Who wore which color?*

Taken from: *Get It Together: Math Problems for Groups Grades 4-12*, published by EQUALS, Berkeley, CA, 1989.