

## Box 11.2

### The Women, Dogs, Children, and Jobs Problem

From the following information, determine how many children the owner of the Shetland sheepdog has.

There are five women: Cathy, Debbie, Judy, Linda, and Sonya.

There are five occupations: clerk, executive, lawyer, teacher, and surgeon.

Everyone has a different number of children: zero, one, two, three, or four.

Cathy owns the Irish setter.

The teacher has no children.

The owner of the Labrador retriever is a surgeon.

Linda does not own the Shetland sheepdog.

Sonya is a lawyer.

The owner of the Shetland sheepdog does not have three children.

The owner of the golden retriever has four children.

Judy has one child.

The executive owns a golden retriever.

Debbie owns the Bernese Mountain dog.

Cathy is a clerk.