

Exercise 52

The number of women in a Statistics class is 8 more than twice the number of men. Let m represent the number of men. Write an expression for the number of women.

Solution

Begin by assigning variables to the unknown quantities.

Let w be the number of women in class.

Let m be the number of men in class.

Use the information in the problem to write an equation relating the variables.

The number of women in a Statistics class is 8 more than twice the number of men $\Rightarrow w = 8 + 2m$