

Arianna has a large piece of fabric that she wants to use to make some scarves. The number N of scarves she can make is inversely proportional to the area A of each scarf. If the area of each scarf is 3 square feet, then she can make 16 scarves. If the area of each scarf is 4 square feet, how many scarves can she make?

Arianna can make _____ scarves.