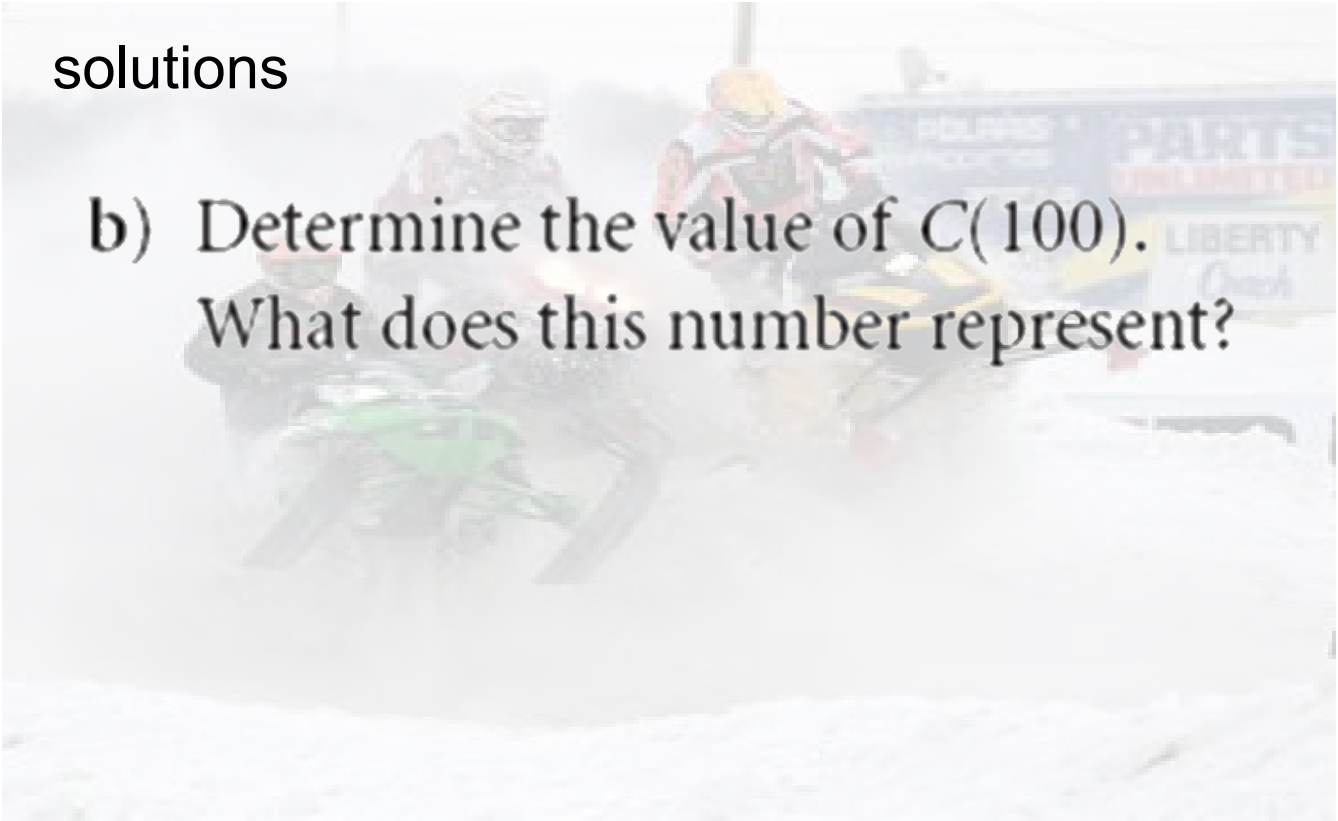## solutions

3. The equation $C = 25n + 1000$ represents the cost, C dollars, for a feast following an Arctic sports competition, where n is the number of people attending.

a) Describe the function.
    Write the equation in function notation.

solutions

b) Determine the value of $C(100)$. What does this number represent?

solutions

c) Determine the value of n when $C(n) = 5000$. What does this number represent?

Complete for Homework

Evaluating Functions

Show all work

1) If $f(x) = 3x^2 - x - 6$, find...

a) $f(5)$

b) f(-7)

c) f(-3)

2) If g(x) = x + 3   and   h(x) = -3x-2

a) g(5)   b) g(7)   c) h(-10)   d) h(5)

e) g(h(4))   f)   g(x) = 33   g)   h(x)= -41