

Let $N = f(t)$ be the total number of cans of cola Sean has consumed by age t in years. Interpret the following in practical terms, paying close attention to units.

(a) $f(14) = 400$

(b) $f^{-1}(50) = 6$

(c) $f'(12) = 50$

(d) $(f^{-1})'(450) = 1/70$