

QUIZ 2

Name _____

1. The number of health insurance complaints received in 2001 by a state's board of health can be modeled by

$$C(m) = 319.6m + 801$$

complaints in the m th month of 2001.

- (a) Find the inverse of C .

- (b) In what month were 2399 complaints filed?

2. Find the following limits.

(a) $\lim_{t \rightarrow 4} \frac{t^2 - 4t}{t - 4}$

(b) $\lim_{x \rightarrow \infty} \frac{3x^4 + x}{x^3 - 3}$