$$f(x) = x^{-1} - b \qquad \text{Gien Forthun}$$

$$f'(x) = \frac{1}{x^{2}} \qquad \text{Derivative}$$

$$X_{k+1} = X_{k} - \frac{f(x)}{f'(x)} \qquad \text{(Newtons Method)}$$

$$X_{k+1} = X_{k} + \frac{1}{x} + \frac{1$$