

UPDATED GENERAL INFORMATION — NOVEMBER 1, 2019

One more question

Solutions will be posted later.

7. For each of the functions $f : \mathbb{R} \rightarrow \mathbb{R}$ and subsets $A \subset \mathbb{R}$ given below, find $f[A]$ and $f^{-1}[A]$.
- (a) The function $f(x) = x^2$, the interval $A = [1, 2]$.
- (b) The function $f(x) = 3x + 4$, the interval $A = [0, 1]$.