

Homework for Math 352
Spring 2020

Hwk Set 7. Due 3/2.

1. Let $f(x) = \begin{cases} x & \text{for } x \in \mathbb{Q}, \\ 0 & \text{for } x \notin \mathbb{Q}. \end{cases}$

Prove that f is continuous at $x = 0$, but is discontinuous everywhere else.

17.2 a,b.

18.5 a.

18.6.