

Name: _____

MA 5320 Quiz 2

1.7: 2,3,5,7

1.8: 3,4,9,13,14

1.9: 2,3,4,6

One more problem. Let $\varepsilon > 0$ and let S be a nonempty bounded subset of $\mathbb{R}$. Show there is an $s \in S$ so that $\beta - \varepsilon < s \leq \beta$ where $\beta = \sup(S)$.