1. Do problems: 3.1.6, 3.1.8, 3.1.10, 3.1.12, 3.1.13

2. Let $P(x)$ and $Q(x)$ be open sentences and $R = \{x \mid P(x)\}$ and $S = \{x \mid Q(x)\}$. Prove that if $(\forall x)(P(x) \implies Q(x))$ then $R \subseteq S$.

3. Do problems: 3.2.9adefg

The grader will grade 3.1.13 and 3.2.9d, so you should write these up more carefully.