Hammack, Chapter 8, #2
Hammack, Chapter 8, #4. In addition, show that the given statement is false if “⊆” is replaced by “=”; in other words, also prove
\[ \sim \left( \forall m, n \in \mathbb{Z}, \{ x \in \mathbb{Z} : mn \mid x \} = \{ x \in \mathbb{Z} : m \mid x \} \cap \{ x \in \mathbb{Z} : n \mid x \} \right). \]
Hammack, Chapter 8, #6
Hammack, Chapter 8, #10
Hammack, Chapter 8, #18
Hammack, Chapter 8, #20
Hammack, Chapter 8, #22
Hammack, Chapter 8, #24
Hammack, Chapter 8, #28
Hammack, Chapter 8, #30