

Exercise 2.1

Exercise 2.2

Exercise 2.3

- (a) The set builder notation is wrong because it does not specify that x is a natural number and it also does not define n . The correct notation would be $\{x \mid x \in \mathbb{N}, x < 20, x \bmod 2 = 1\}$.
- (b) The notation is wrong since x is undefined and the 6 alone is not a set. The correct notation would be $\{x \mid x \in \mathbb{N}, x \neq 6\}$.

Exercise 2.4