

*******Part C ONLY*******

Follow the separate general guidelines for Parts A,B,C.

B: Final exercises:

1. Section 5.1 of Epp book, exercises 11(f,g,h,i,j), 19(c), 20(c)
2. This exercise makes a connection between the introductory set theory from Section 5.1 of the Epp book and Exercise 4.1 from the Boole section of the Truth project, which you should review.

Let X be the set of all mountains, Y be the set of all valleys, Z be the set of all things rich in minerals, and W be the set of all things rich in vegetation. Use the set theoretic symbols from Section 5.1 of the Epp book to represent each of the following sets.

- (f) The set of objects that are not mountains.
- (g) The set of objects that are both rich in minerals and rich in vegetation.
- (h) The set of objects that are not both rich in minerals and rich in vegetation.
- (i) The set of objects that are either not rich in minerals or not rich in vegetation.
- (j) The set of objects that are either rich in minerals or rich in vegetation, but not both.