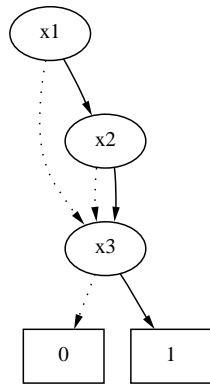
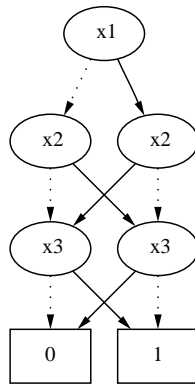


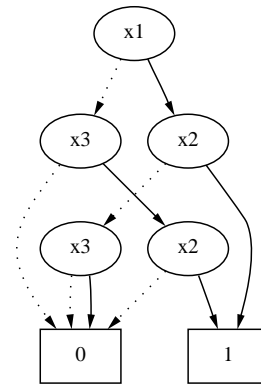
**Problem 3 (15%)**



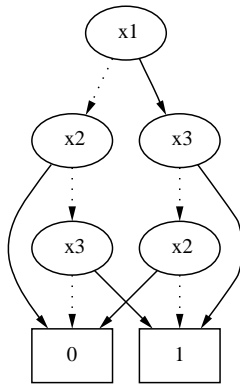
a



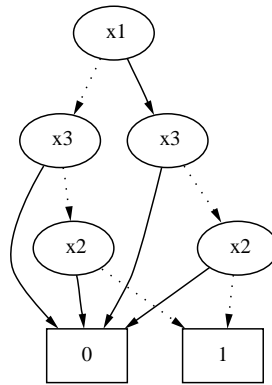
b



c



d



e

**Question 3.1**

Which of the BDDs above are reduced? Which are ordered? Give your answers by filling in a table as shown below. Use + for “yes” and – for “no”.

	R	O
a		
b		
c		
d		
e		

**Solution:**

	R	O
a	–	+
b	+	+
c	–	–
d	+	–
e	–	+

**Question 3.2**

For each BDD which is not both reduced and ordered, choose an ordering and draw the equivalent ROBDD.

**Solution:**

