

# Search Problems in AI

## Assignment 2

**Michael Li - 192008938**

**Daniel Liu - 184007283**

**Robert Kulesa - 185009892**

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### **Problem 1**

### **Problem 2**

(a)

(b)

### **Problem 3**

(a)

(b)

(c)

(d)

(e)

(f)

(g)

(h)

(i)

### **Problem 4**

### **Problem 5**

### **Problem 6**

### **Problem 7**

(a)

(b)

(c)

### **Problem 8**

(a)

(b)

(c)

### **Problem 9**

(a)

(b)

(c)

(d)

(e)

(f)