# Language & Logic - Assignment III

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## 1 Question 1

#### 1.1 Brief

$$(P \land Q) \rightarrow \neg R : R \rightarrow (P \rightarrow \neg Q)$$

#### 1.2 Answer

## 2 Question 2

#### 2.1 Brief

$$\neg R, P \rightarrow \neg Q, R \rightarrow Q, P \lor R : \neg Q$$

### 2.2 Answer

- 3 Question 3
- 3.1 Brief

$$: ((A \vee B) \wedge (\neg B)) \to A$$