

Name 1:

Date:

Name 2:

0) Complete the following table

| a | b | NOT a | a AND b | a OR b |
|---|---|-------|---------|--------|
| T | T |       |         |        |
| T | F |       |         |        |
| T | T |       |         |        |
| F | T |       |         |        |
| F | F |       |         |        |
| F | T |       |         |        |
| F | F |       |         |        |
| T | T |       |         |        |
| T | F |       |         |        |
| T | T |       |         |        |

1) Compute  $R \bowtie S$ :

R

| id | desc     |
|----|----------|
| 32 | 'apple'  |
| 52 | 'orange' |
| 15 | 'pear'   |

S

| id | price |
|----|-------|
| 15 | 15.3  |
| 32 | 45.2  |
| 20 | 3.2   |

2) Write a Rel Alg. expression to answer:  
List all id's in R and their price.