

### Question 1

a.

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RedBooks ←  $\sigma_{(\text{color} = \text{'red'})}$ (Book)
Publishers ← RedBooks  $\bowtie_{(\text{Book.ISBN} = \text{Distribute.ISBN})}$  (Distribute)
CalgarySchools ←  $\sigma_{(\text{city} = \text{'Calgary'})}$ (Publishers)
Result ←  $\pi_{(\text{city}, \text{name})}$ (Publishers - CalgarySchools)
```

b.

todo

c.

todo

d.

todo

e. 5

### Question 2

a. 1

b. 2

c. 3

d. 4

e. 5