Part 1

**Question 1.**

Then the requested set can be expressed as follow:

**Question 2.**

Then the requested set can be expressed as follow:

**Question 3.**

Then the requested set can be expressed as follow:

**Question 4.**

This is not solvable with the operators allowed in this question since it requires to count the number of rows with a same attribute; this is possible by SQL but not the mere use of the operators listed above.

**Question 5.**

Then the requested set can be expressed as follow:

**Question 6.**

Then the request set can be expressed as follow:

Part 2

1.

2.