The following shows just a few rows from a table for students in a school. (GPA is grade point average, where 4.0 means the student is getting the highest scores possible. Absences is how many days the student has not attended school, and detention is a punishment for bad behavior.)

**students**

| **id** | **name** | **age** | **g​pa** | **absences** | **detentions** |
| --- | --- | --- | --- | --- | --- |
| 930 | Olufunmilayo Ayton | 16 | 4.00 | 3​ | 2​ |
| 667 | Vincent Michaelson | 15 | 2.53 | 12 | 0​ |
| 907 | Asa Quigg | 15 | 3.57 | 1 | 0 |
| 168 | Kiran Patil | 17 | 3.28 | 0 | 3 |

You want a list of students who have a GPA of at least 3.5, and who have either no more than 3 detentions or more than 5 absences. Which queries will accomplish this? Check all that apply.

SELECT \* FROM students WHERE gpa >= 3.5 AND (NOT detentions > 3 OR absences > 5)

**Correct**

Correct. The parentheses ensure that the **detentions** and **absences** conditions will be compared first, and the result of that will be compared with the **gpa** condition. A student will be in the results only if they get **true** for either **NOT detentions > 3**(that is, they do not have more than 3 detentions—equivalent to having 3 or less) or **absences > 5**, and they get **true** for **gpa >= 3.5**.

SELECT \* FROM students WHERE gpa >= 3.5 AND detentions <= 3 OR absences > 5

**Un-selected is correct**

SELECT \* FROM students WHERE (gpa >= 3.5 AND detentions <= 3) OR absences > 5

**Un-selected is correct**

SELECT \* FROM students WHERE gpa >= 3.5 AND NOT (detentions > 3 OR absences > 5)

**Un-selected is correct**

SELECT \* FROM students WHERE (gpa >= 3.5 AND NOT detentions > 3) OR absences > 5

**Un-selected is correct**

SELECT \* FROM students WHERE gpa >= 3.5 AND (detentions <= 3 OR absences > 5)

**Correct**

Correct. The parentheses ensure that the **detentions** and **absences** conditions will be compared first, and the result of that will be compared with the **gpa** condition. A student will be in the results only if they get **true** for either **detentions <= 3**or **absences > 5**, and they get **true** for **gpa >= 3.5**.

SELECT \* FROM students WHERE gpa >= 3.5 AND NOT detentions > 3 OR absences > 5

**Un-selected is correct**