

# Logical operators

## Worksheet 2

**1** The following table shows some data stored in a school's database.

Student ID	Surname	First Name	Gender	Year	Tutorgroup	Transport	Detentions
00001	Byrne	Catherine	F	10	10WA	Walk	0
00100	Smith	Fred	M	8	7JB	Bus	3
00010	Jones	Hannah	F	9	9EW	Bike	1
00103	Cooper	Rosie	F	7	7MC	Car	5
00123	Symonds	Hannah	F	9	9EW	Walk	0
00101	Cooper	Jack	M	7	7JG	Bike	0
00102	Grantham	Oliver	M	7	7JG	Bus	1

**(a) State the Student IDs of the students who fit the following criteria. (5)**

**(i) Year = 7**

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**(ii) Year < 9 AND Transport = Bus**

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**(b) Write the criteria which can be used to select all the students who are male and have had one or more detentions. (3)**

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