

Boolean logic: How to get what you want

Each data piece in the data set to the right is unique. Grab a friend and have them circle one or more pieces of data and see if you can write a query to describe it.

Boolean operators/elements:

- **OR:** Either variable can be true
- **AND:** Both variables must be true
- **NOT:** The variable cannot be true
- **():** Parenthesis are used to denote phrasing and order in processing. You must separate using OR, AND, and NOT within one query with these.

Exercise variables:

- **Shape:** circle, square, triangle, star, hexagon
- **Fill:** none, solid, "polka dot"
- **Fill_color:** red, blue, yellow, green
- **Line_color:** red, blue, yellow

Remember, there are several ways to write a query!



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