







#### cats AND dogs

Returns only titles that mention both cats and dogs.



# **Using Boolean operators**

cats OR dogs
Returns all titles that mention

either cats, or dogs, or both.



#### cats NOT dogs

Returns only titles about cats that don't mention dogs.



Using a **second** Boolean operator to add a **third** search term can either contract or expand your search results. The search order follows the same logic as the equation (a + b) + c.

cats AND dogs AND fish Returns only titles that mention all three: cats, dogs, and fish. cats AND dogs OR fish
Returns the titles that mention
cats and dogs PLUS every title
that mentions fish.

cats AND dogs NOT fish Returns the titles that mention cats and dogs, but only if they don't mention fish.

## **Stop Words**

# **Truncation**

Wildcards

The following common words are ignored when searching:

a, an, and, are, at be, but, by for if, in, into, is, it no, not of, on, or such that, the, their, then, there, these, they, this, to was, will, with

If you need to include these words in your search term, select "Starting with these words."

Add an asterisk to the end of a word to find plurals or words with variant endings.

An \* matches any number of characters, including none, at the end of a word.

#### Example:

electron\* finds: electron electrons

electrons electronic electronics Substitute ? for one or more letters to find variant forms or when you're unsure of the spelling.

A ? matches any single character in or at the end of a word.

### Examples:

a?sorption finds:

absorption adsorption

Johns?n finds: Johnsen Johnson

# **Other Searching Tips**

### **Determine your keywords**

- List the main words from your essay question or research topic.
- 2. Add synonyms and related terms to your list.
- Use reference works such as encyclopedias to learn the basic facts and background information about your topic and gather some additional keywords and search terms.
- 4. Then use these words when searching.

# Use "official" subject terms

To discover the "official" subjects for your search terms, you can use the **Explore!** section of Title Details.

- 1. Start with a Keyword search.
- When the results appear, find something in the list that looks promising and click premise.
- 3. Look under **Explore!** to find the "official" subject headings (terms) for your topic. Click the see other titles with the same subject.
- 4. Add any relevant subject terms to your search term list.

#### Start with a broad search

Start with a **Keyword** search that finds materials by matching your words with words anywhere in the records.

Then try a **Subject** search to find subjects that match your words.

These initial searches will give you a feel for what materials the library has on your topic.

### Not enough search results?

- Search Keywords instead of Subjects or Titles.
- Use more keywords and "Any of these words" instead of "All of these words."
- Your topic may be too new or too specific.
   Use more general terms.
- If you have a Look in box, search other libraries as well as your own.
- Use truncation (\*) to get variations or alternate spellings of your term.
- Check your spelling.
- You may be using slang or "unofficial" keywords. To discover the correct terms, use the technique described under Use "official" subject terms.

### Too many search results?

- If there are words that you want to exclude, set the second Boolean option to NOT and enter the words in the third search term field.
- Try limiting the results to materials of a certain type or published during a certain time span.
- Use more precise search terms.
- Search for subjects instead of keywords.
- Remove any asterisks you may have added to your search terms. This will eliminate plural and alternate endings.
- If you still find too much information, your topic may be too broad with lots of materials on it. Narrowing your topic may make your results list more manageable.