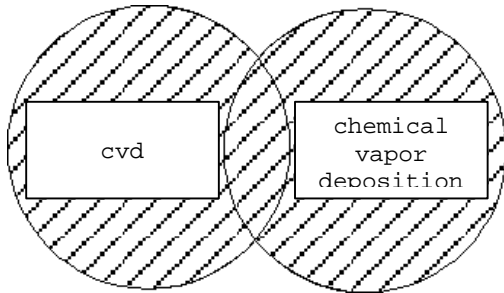
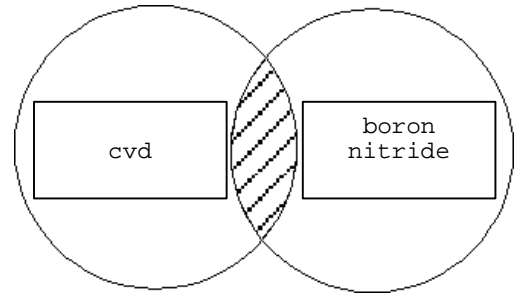


# BOOLEAN LOGICAL OPERATORS



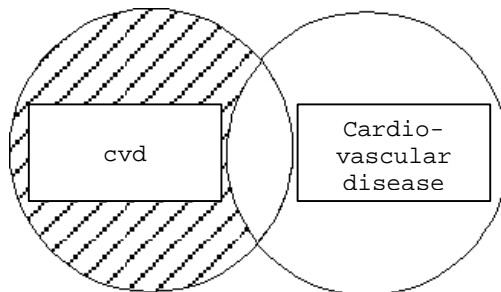
**OR**

- Broadens your search
- Retrieves citations containing EITHER *cvd* OR *chemical vapor deposition*
- Usually used for synonyms



**AND**

- Narrows your search
- Retrieves citations containing BOTH *cvd* AND *boron nitride*
- Requires both search concept keywords be present



**NOT**

- Narrows your search
- EXCLUDES citations containing *cvd* as an acronym for *cardiovascular disease*
- Problem: may eliminate relevant material

# SEARCH STRATEGY WORKSHEET

1. Briefly summarize your search topic:

---

2. Divide your topic into major concepts. Write them on the bolded lines below, in order of their importance.

3. Under each major concept list synonymous (or alternative) terms.

**FIRST  
MAJOR CONCEPT**

and

**SECOND  
MAJOR CONCEPT**

and

**THIRD  
MAJOR CONCEPT**

---

or \_\_\_\_\_

or \_\_\_\_\_

or \_\_\_\_\_

or \_\_\_\_\_

---

or \_\_\_\_\_

or \_\_\_\_\_

or \_\_\_\_\_

or \_\_\_\_\_

---

or \_\_\_\_\_

or \_\_\_\_\_

or \_\_\_\_\_

or \_\_\_\_\_