Discover how to use Boolean operators to narrow or broaden your WorldCat index search. Use the Boolean operators shown in the following table for combining search terms to narrow or broaden searches:

<table>
<thead>
<tr>
<th>BOOLEAN OPERATOR</th>
<th>CONNEXION/ FIRSTSEARCH</th>
<th>WORLDSHARE AND WORLDCAT DISCOVERY</th>
<th>NOTES</th>
<th>EXAMPLE</th>
</tr>
</thead>
</table>
| and              | AND                     |                                    | • Finds all terms anywhere in a record  
• Can omit for simple searches when just one index label is used or where no other boolean operator is used  
• Can use the plus sign (+) in place of and/AND | su:wom?n and ti:history and gc:new york and yr:1970 |
| or               | OR                      |                                    | Finds any single term or all terms | pn=woolf, virginia or pn=woolf, leonard and yr:1900-50 |
| not              | NOT                     |                                    | • Excludes the term that follows not  
• Can use the minus sign (-) in place of not/NOT | ti=civil war not su:battle not gc=united states |

Boolean searches are processed in left to right order.

**Guidelines**

- Type operators between search terms to combine them.
- Do not use for browsing (scanning indexes).
• Do not truncate a music publisher number or Government Document Number in a combined search; type the complete number.

• Boolean searches can be nested using parentheses — **ut:(civil w1 war) and (battlefield w1 command*)**

• For Word searches, if you do not want the system to use these words as operators, enclose the word in quotation marks. For example, to search for the title *Neighbors Near and Far* which includes **near** and **and**, normally treated as operators, type **ti:neighbors "near" "and" far**.