

Student Name _____ Period _____ Date _____

UNDERSTANDING OPERATORS

Understanding mathematical operators is necessary when conducting database searches and sorts and applying filters and queries. When instructed to locate information in a database with phrases such as shorter than, taller than, older than etc, you will need to translate the phrase into words that the database understands.

In this activity, you will demonstrate your skill at determining what operator to use by matching the mathematical symbol with the words or phrases below.

Directions for Part I: Match the symbols with their meanings

- | | | |
|-------|-----------------------------|-------|
| _____ | 1. Less Than | A. <> |
| _____ | 2. Greater Than | B. <= |
| _____ | 3. Equal To | C. >= |
| _____ | 4. Less Than or Equal To | D. = |
| _____ | 5. Greater Than or Equal To | E. < |
| _____ | 6. Not Equal To | F. > |

Directions for Part II: Record notes on each of the terms below as you work through this and the next activity.

Term	Definition
Filter	
Filter by selection	
Filter/Advanced Filter Sort	
Sort	
Criteria	

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Directions for Part III: Write the correct statement that would find data that meets the conditions of each criterion.

Example: Criteria: At most 36 Answer: ≤ 36

Criteria	Statement
1. No more than 5	
2. After 1950	
3. Before 1920	
4. Older than 18	
5. Lower than 100	
6. Taller than 6 feet	
7. Students except Juniors	
8. 100 or more	
9. 100 or less	
10. More than 2000	
11. Under 32	
12. Over 75	
13. Smaller than 3	
14. Shorter than 23	
15. Not lower than 30	
16. Younger than 50	
17. At most 63	
18. Population growth of 1.9%	
19. Since 1941	
20. All students except freshmen	