4.1 Quiz.

Assume that a, b, c, and d are as defined, and evaluate the following expressions:

a = 20;   b = -2;
c = 0;    d = 1;
1. a > b
2. b > d
3. a > b && c > d
4. a == b
5. a && b > c
6. ~~b

Assume that a, b, c, and d are as defined, and evaluate the following expressions:

a = 2;
b = [ 1 -2 ];
c = [ 0 1 ]
d = [ -2 1 2 ];
7. ~(a > b)
8. a > c && b > c
9. c ≦ d
10. logical(d)
11. a * b > c
12. a * ( b > c )

Assume that a, b, c, and d are as defined. Explain the order in which each of the following expressions are evaluated, and specify the results in each case:

a = 2;   b = 3;
c = 10;   d = 0;
13. a * b^2 > a * c
14. d || b > a
15. ( d | b ) > a
Assume that a, b, c, and d are as defined, and evaluate the following expressions:

\[ a = 20; \quad b = -2; \]

\[ c = 0; \quad d = 'Test'; \]

16. \( \text{isinf} ( a / b ) \)

17. \( \text{isinf} ( a / c ) \)

18. \( a > b \&\& \text{ischar} ( d ) \)

19. \( \text{isempty} ( c ) \)

20. \( ( \sim a ) \& b \)

21. \( ( \sim a ) + b \)