1. The notation $\sqrt{x}$ is read "the principal _____ of x."

A. argument

B. value

C. square root

D. radical

2. Simplify the expression $-|-0.03|$.

A. -0.03

B. 1

C. 0

D. 0.03

3. A real number that is a terminating decimal is a(n) _____ number.

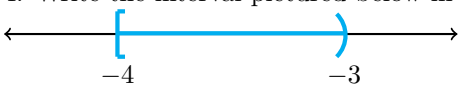
A. irrational

B. rational

C. absolute

D. infinite

4. Write the interval pictured below in interval notation.



A. $(-4, -3]$

B. $-4 \leq x < -3$

C. $-3 \leq x \leq -4$

D. $[-4, -3)$

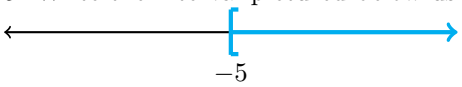
E. $(-3, -4]$

F. $-4 \leq x \leq -3$

G. $(-4, -3]$

H. $-4 < x \leq -3$

5. Write the interval pictured below using inequality symbols.



A. $-5<x$

B. $-5>x$

C. $-5\geq x$

D. $-5\leq x$

6. Insert $<$, $=$, or $>$ to make the statement true: $|8.3|$ _____ $-|-2.9|$.

A. $=$

B. $>$

C. $<$

7. The notation $x \neq y$ is read "x is _____ y."

A. is less than

B. not equal to

C. is greater than

D. is not admissable with

8. The notation $x < y$ is read "x is _____ y."

A. less than or equal to

B. less than

C. greater than or equal to

D. greater than