

Reading Questions for Section 2.3-2.5

(5 points)

Name _____

Due Date: _____

Bring this completed sheet with you to class on the due date to be handed in at the very beginning of the period.

(1) 1. Read **Section 2.3**. The graph of $f(x) = |x|$ resembles which letter of the alphabet? _____

(1) 2. Suppose $n = f(A) = A/250$. Suppose $A = g(n) = 250n$.
How are f and g related? (Select **ALL** that are correct.)

- A. f and g are inverses of each other
- B. $g = f^{-1}$
- C. $f = g^{-1}$
- D. There is no relationship.

(1) 3. True or False: $f^{-1}(x)$ means $1/f(x)$.

- A. True
- B. False

(1) 4. In **Sec. 2.4, Example 4** the units of $P^{-1}(2)$ would be...

- A. birds
- B. crickets
- C. years
- D. chirps/min
- E. degrees F

(1) 5. On the interval $0 < x < 1$ which is true for the graph shown?

- A. it is concave up
- B. it is concave down
- C. neither concave up,
neither concave down
- D. part concave up,
part concave down

