

Reading Questions for Section 5.2 (5 pts)

Name _____

Due Date: _____

- (1) 1. An **even** function is symmetric with
- A. the x -axis
 - B. the y -axis
 - C. the line $y = x$
 - D. the origin
 - E. None of these
- (1) 2. An **odd** function is symmetric with
- A. the x -axis
 - B. the y -axis
 - C. the line $y = x$
 - D. the origin
 - E. None of these
- (1) 3. Read **Example 5** in Section **5.2** about the yam warming in the oven.
The function $Y(t)$ was obtained from the function $D(t) = 300(0.97)^t$ by
- A. first shifting the graph of $D(t)$ up 300, followed by reflecting it about the t -axis.
 - B. first reflecting the graph of $D(t)$ about the t -axis and then shifting it vertically up 300.
 - C. Both A and B.
 - D. Neither A nor B.
- (2) 4. In **Example 5** in Section **5.2**, which of these two are true? Select two please.
- A. the function $Y(t)$ is increasing.
 - B. the function $Y(t)$ is decreasing.
 - C. the function $D(t)$ is increasing.
 - D. the function $D(t)$ is decreasing.