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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Unit 5 Vocabulary

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| **Across**  **2.** If f''(x)<0, then f(x) is  **3.** If f''(x) changes from positive to negative, then f changes \_\_\_\_\_\_  **6.** If f''(x)<0, then f'(x) is  **8.** If f''(c)=0, then c is a \_\_\_\_\_ point  **10.** f'(x) changes from positive to negative makes a \_\_\_\_\_ maximum on f  **11.** If f'(c)=0, then c is a \_\_\_\_\_\_\_\_ point  **13.** If f''(x)<0, then f'(x) is  **14.** If f'(x) is increasing, then f is  **15.** If f'(x)<0, then f is | **Down**  **1.** If f''(x)>0, then f(x) is  **4.** If f'(x)>0, then f is  **5.** If f''(x) changes from positive to negative, then f has a(n) \_\_\_\_\_\_\_\_\_ point  **7.** a relative \_\_\_\_\_\_ is when f changes from decreasing to increasing  **9.** If f''(x)>0, then f'(x) is  **12.** If f(x)>0, then f is \_\_\_ the x-axis |