The graph of the second derivative of \( f \) is shown below.

\[ y = f''(x) \]

1. Give the number of critical numbers of \( f' \).
   A. 3       B. 4       C. 5       D. 6       E. 7

2. Give the number of values of \( x \) where \( f' \) has an inflection point.
   A. 0       B. 1       C. 2       D. 3       E. 4

3. Give the number of values of \( x \) where \( f' \) has a local minimum.
   A. 0       B. 1       C. 2       D. 3       E. 4

4. Give the number of intervals where \( f' \) is increasing?
   A. 0       B. 1       C. 2       D. 3       E. 4

5. Give the number of intervals where \( f' \) is decreasing?
   A. 0       B. 1       C. 2       D. 3       E. 4
6. Give the number of critical numbers of \( f \).
   
   A. 3  B. 4  C. 5  D. 6  E. 7

7. Give the number of values of \( x \) where \( f' \) has an inflection point.
   
   A. 0  B. 1  C. 2  D. 3  E. 4

8. Give the number of values of \( x \) where \( f'' \) has a local minimum. (\( f'' \) changes from decreasing to increasing)
   
   A. 0  B. 1  C. 2  D. 3  E. 4

9. Give the number of values of \( x \) where \( f'' \) has a local maximum. (\( f'' \) changes from increasing to decreasing)
   
   A. 0  B. 1  C. 2  D. 3  E. 4

10. Give the number of values of \( x \) where \( f''' \) is zero or undefined.
    
    A. 0  B. 1  C. 2  D. 3  E. 4

11. Give the number of intervals where \( f''' \) is positive.
    
    A. 0  B. 1  C. 2  D. 3  E. 4