

EXPLORING RELATIONSHIPS

Graph $y = x^2 + 4x - 5$ on your graphing calculator. Use this graph to answer the following questions.

1. If this graph represents the first derivative of a function, what does this graph tell us about the function?
2. If this graph represents the first derivative of a function, what does this graph tell us about the second derivative?
3. If this graph represents the second derivative of a function, what does this graph tell us about the function?
4. If this graph represents the second derivative of a function, what does this graph tell us about the first derivative?