A. Using the formula for the arc length by integration, compute the length of the graph of \( f(x) = 3x + 7 \) from \( x = A \) to \( x = B \). (You may assume \( A < B \).)

B. Using the distance formula, compute the distance from \((A, 3A + 7)\) to \((B, 3B + 7)\). (You may assume \( A < B \).)