

Reachable: 2 A points, 2 C points, and 3 E points.

1. Differentiate  $y = 3x^2 + 5x + 3$ . (1/0/0)
2. Find the equation of the tangent line to the function  $y = x/2$  at  $x = 2$ . (2/1/0)
3. Prove that the derivative of a constant is zero. (0/1/2)