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the derivative of y y with respect to x x is y y y y differentiate the right side of the equation tap for more steps 6 6 reform the equation by setting the left side equal to the right side y 6 y 6 replace y y with dy dx d y d x dy dx 6 d y d x 6

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a differential equation is an equation involving an unknown function y f x and one or more of its derivatives a solution to a differential equation is a function y f x that satisfies the differential equation when f and its derivatives are substituted into the equation

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