

Calc JW7e CH2: Derivatives

2.1 Derivatives and Rates of Change

1. (a)

(b)

2. (a) (i)

(ii)

(b)

2.2 The Derivative as a Function

2.3 Differentiation Formulas

2.4 Derivatives of Trigonometric Functions

2.5 The Chain Rule

2.6 Implicit Differentiation

2.7 Rates of Change in the Natural and Social Sciences

2.8 Related Rates

2.9 Linear Approximations and Differentials

Review

Exercise

Problems Plus