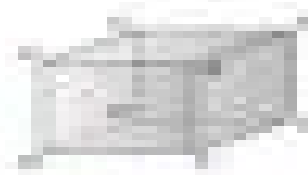


Answer following



- 1. Substrate and temperature: 20°C 30°C 40°C
- 2. A graph of initial velocity: 100 mg/ml 200 mg/ml 300 mg/ml
- 3. A graph of initial velocity: 100 mg/ml 200 mg/ml 300 mg/ml

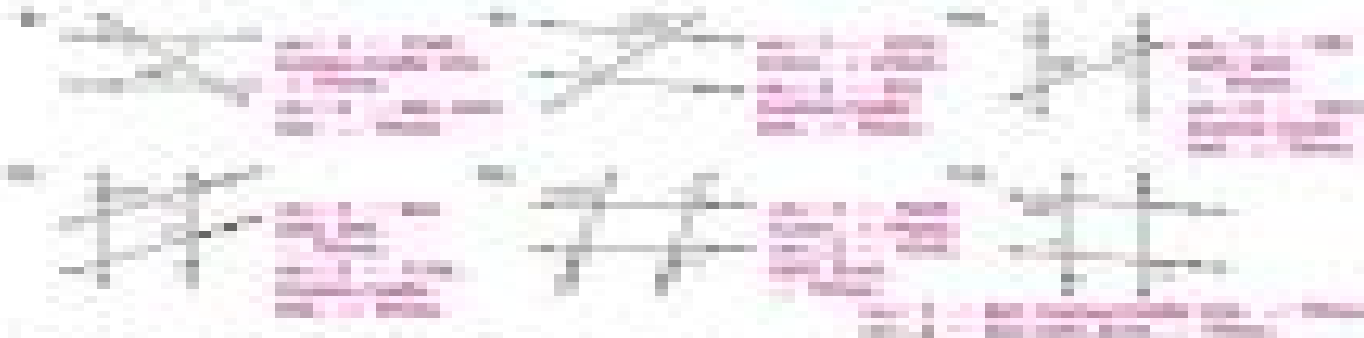
Calculate all values of K_m and V_{max} for the following reaction. (Note: K_m is the substrate concentration at which the reaction rate is half of V_{max} .)

- 1. $K_m = 100\text{ mg/ml}$ $V_{max} = 100\text{ mg/ml}$
- 2. $K_m = 100\text{ mg/ml}$ $V_{max} = 200\text{ mg/ml}$
- 3. $K_m = 100\text{ mg/ml}$ $V_{max} = 300\text{ mg/ml}$
- 4. $K_m = 100\text{ mg/ml}$ $V_{max} = 400\text{ mg/ml}$



Answer: 100

Graph the following data. (Note: K_m is the substrate concentration at which the reaction rate is half of V_{max} .)



Graph the following data. (Note: K_m is the substrate concentration at which the reaction rate is half of V_{max} .)



Graph the following data. (Note: K_m is the substrate concentration at which the reaction rate is half of V_{max} .)

Answers Of 11 3 Prentice Hall Geometry

Rosina Ehmann



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