$\frac{1}{3}$ (2 3¹/₂) A(2,2)

May 16 Slope as Rate of Change page 407 1 At birth > 7m At 7 months > 15m find Rate of change in months $M = \frac{34}{32} - \frac{15}{3} = \frac{15}{3} - \frac{11}{3} = \frac{11}{3}$ 1.14m per month (+) Given x-1971 y=323000 FTS FTS 2-1997-y=544000 FTS Find rate of change $M = \frac{\Delta y}{\Delta x} = \frac{y_2 - y_1}{x_2 - x_1} = \frac{344000 - 325000}{1997 - 1971}$ = 221000 = 8500 26 Jean Mare viriles its more Students.

To Given | Sales in | 9 | 26.4 | 9254.4 | 0 | x | years | x | 971 | x | 1981 | 1991 | Thongs for 71-81 $M = \frac{3y}{5x} - \frac{12-y}{x_2-x} = \frac{3!4 - 26.4!}{198! - 199!} = \frac{28}{10}$ LP sales went up by 2.8 million

-1981-1991 >> -5.44 miller; sels 1971-1991->-1.32 millions seles 81-91 LPrecord Sales dropped the by 5.44 million 1-16

#46 page (2) k) M=SM - $\frac{1}{2} - \frac{1}{2} - \frac{1}{2}$ 7/2-)(1 5---K 37 -5 4-2

HOMEWORK

> Back of cherry sheet > page 407 up to 13