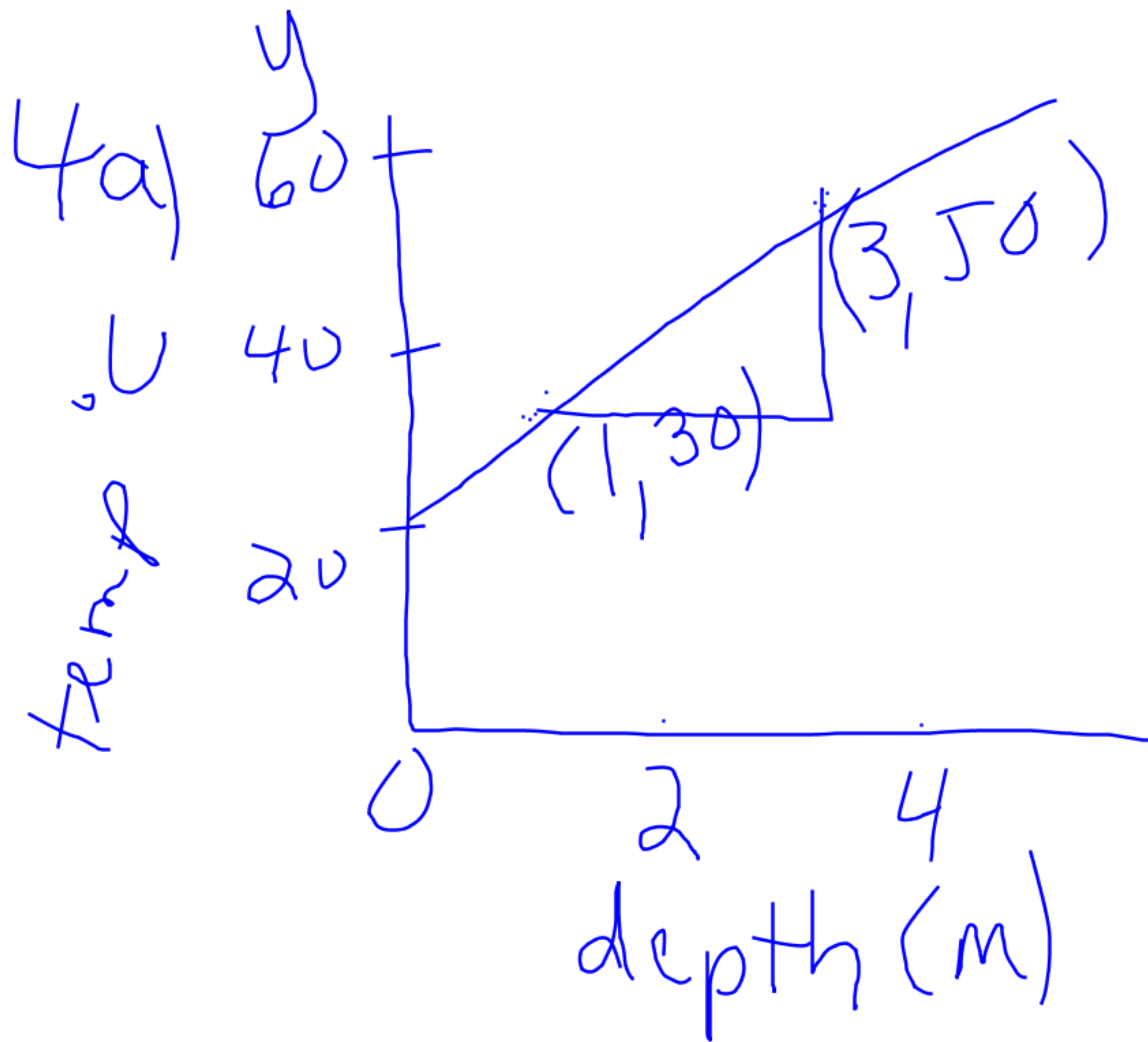


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la hours worked	Earnings \$
4	32
20	160



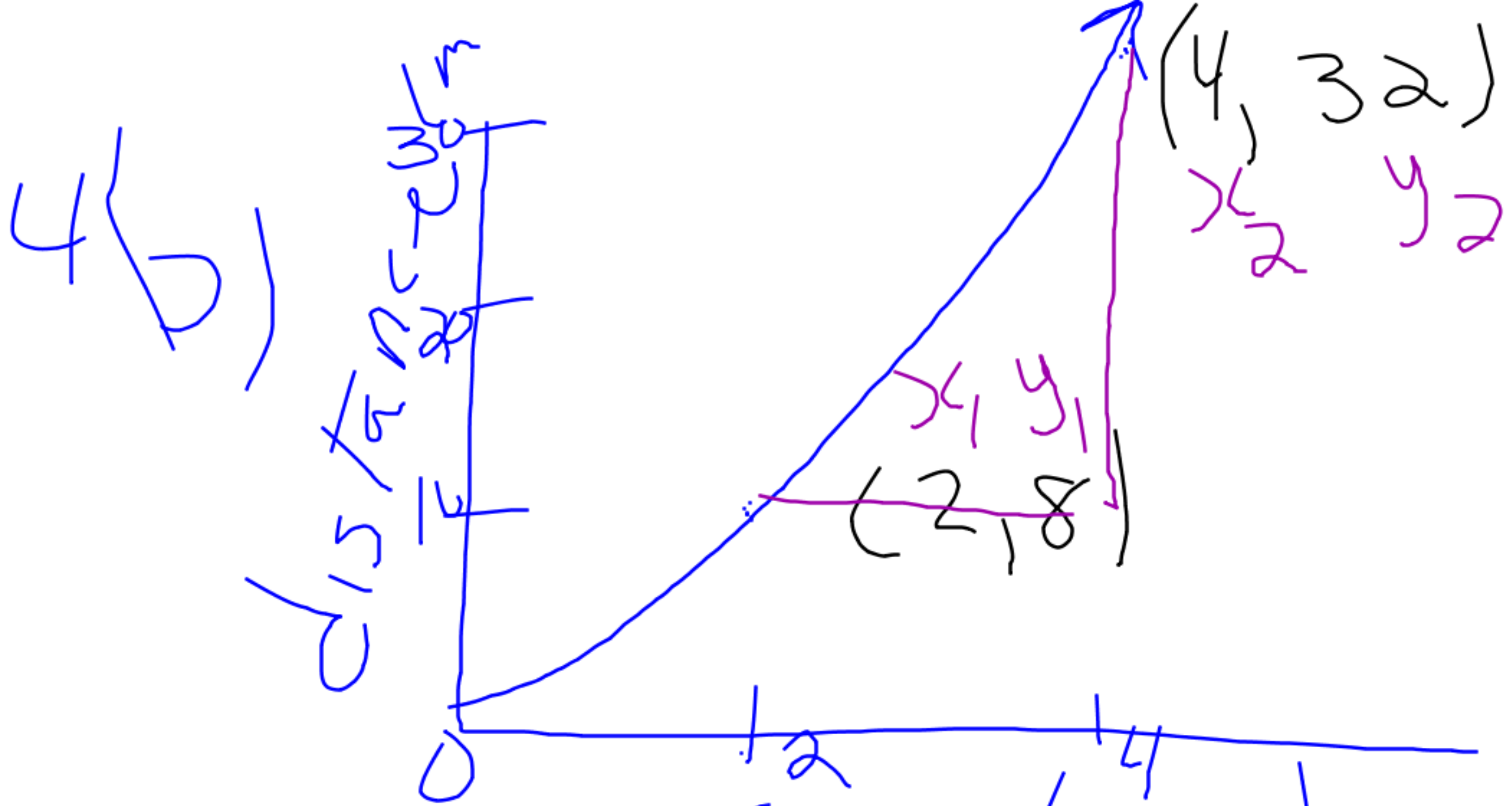
$$m = \frac{\text{Rise}}{\text{Run}}$$

$$m = \frac{20}{2}$$

$$m = 10$$

∴

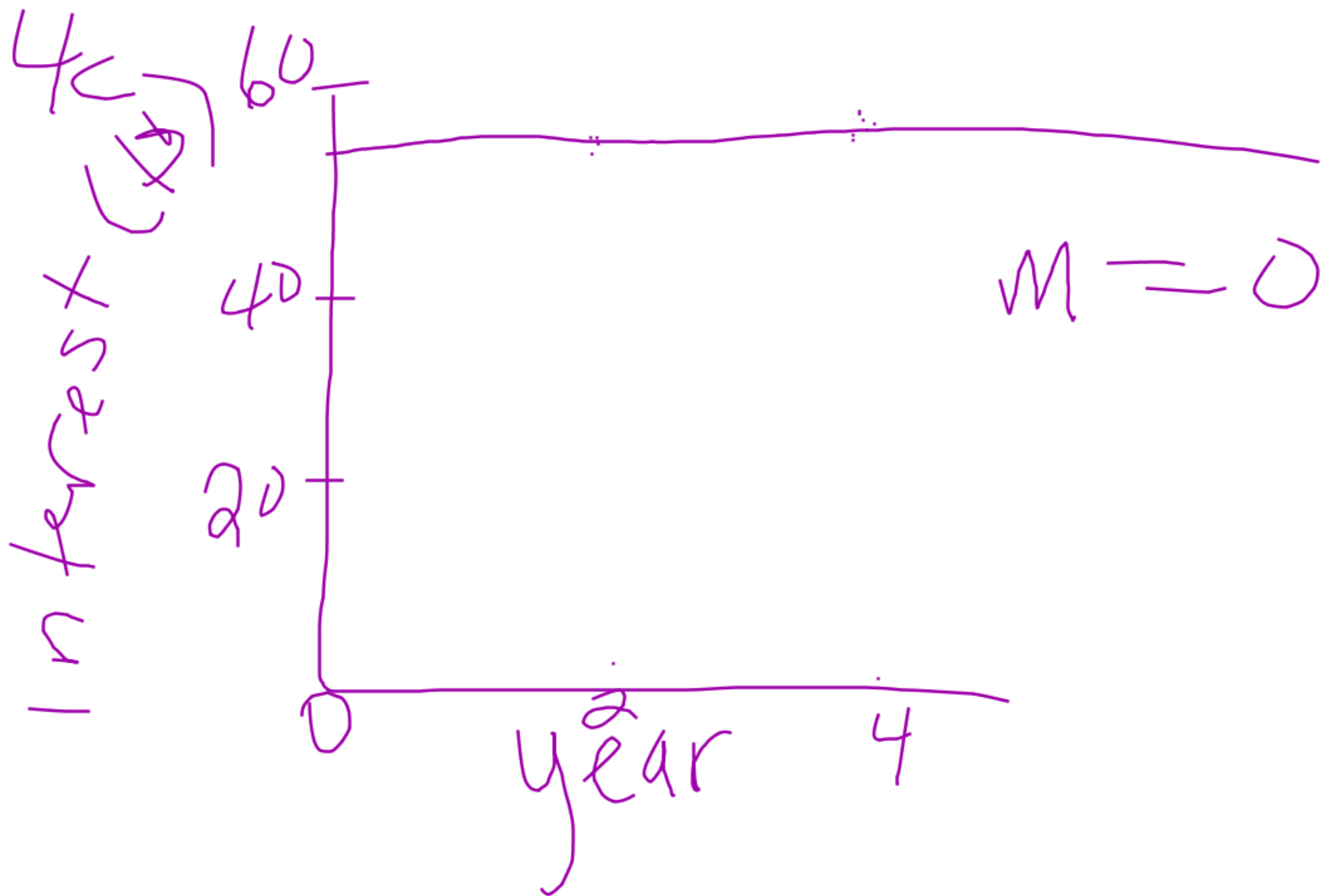
$$m = 10 \text{ m}^\circ/\text{C}$$



Average rate of change

$$m = \frac{\Delta y}{\Delta x} = \frac{y_2 - y_1}{x_2 - x_1} = \frac{32 - 8}{4 - 2} = \frac{24}{2} = 12$$

12 m/s



1 b) c)

2

3

7

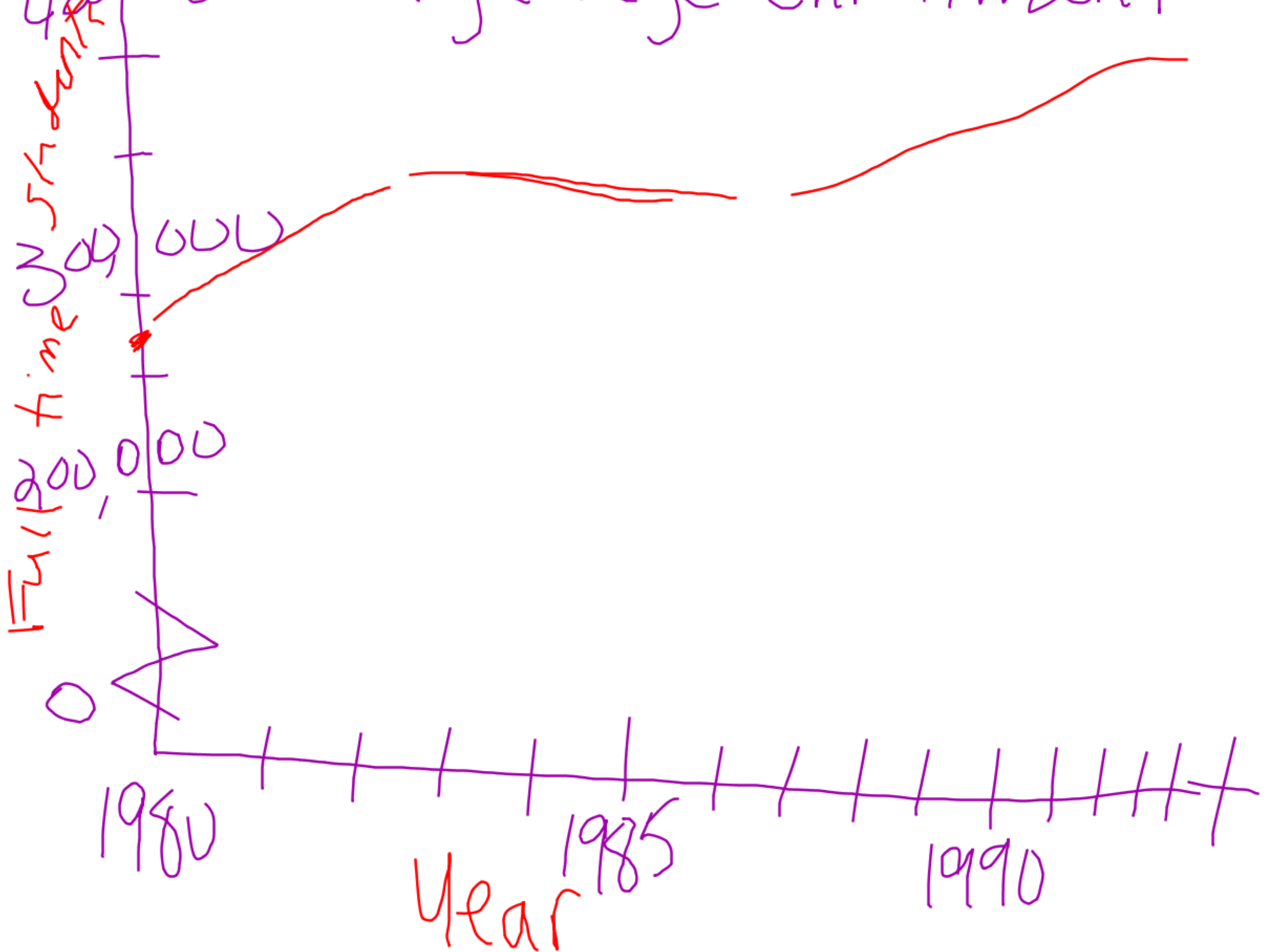
8

}

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Community College Enrollment



$$b) \frac{\Delta y}{\Delta x}$$

y_1

x_1

(260,761

1980)

y_2

x_2

(403,516

1998)

$$M = \frac{y_2 - y_1}{x_2 - x_1} = \frac{403,516 - 260,761}{1998 - 1980} = \frac{142,755}{18} = 7,931 \text{ Students per year}$$