Distance vs Time

Distance (cm) vs Time (sec)

$8.4 - 1.5$
$= 6.9$

$45 - 7.5 = 37.5$
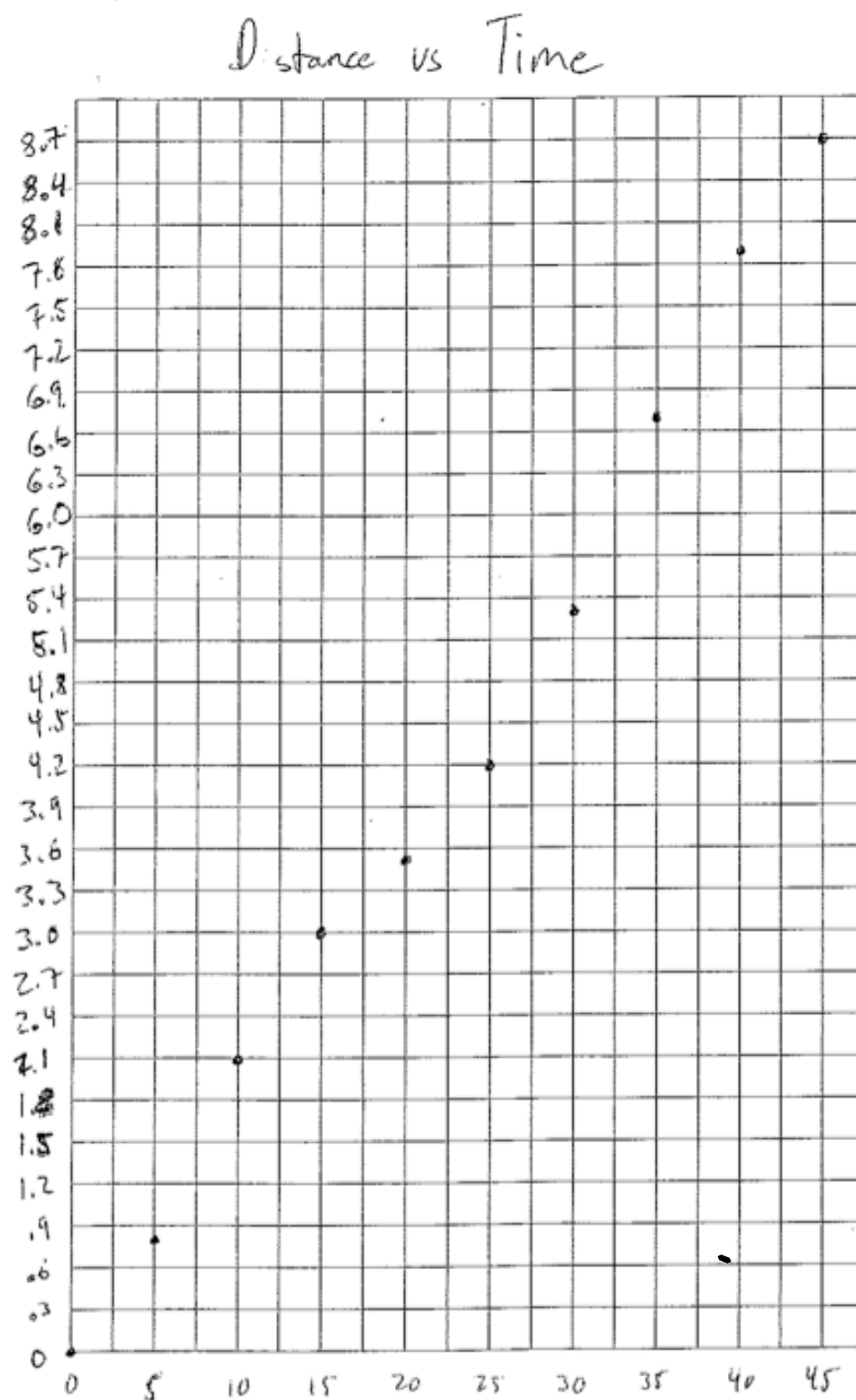
Calculating Slope:
1) Draw a best fit line

2) Choose two places, far apart, where the line intersects the graph

3) Draw lines from the places to the axes

4) Find the differences between the lines

5) Calculate the slope

$$\frac{rise}{run} = \frac{6.9}{37.5} = .184$$

$$\frac{rise}{run} = \frac{cm}{sec}$$

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