Constant Acceleration Lab Cover Page

Day: T W R Time: \_\_\_\_\_ Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Partner: \_\_\_\_\_\_\_\_\_\_\_\_\_

Part (c) Analysis for :

Slope read from trendline equation (with unit) =

Use this slope to find the acceleration. Show your work clearly:

Part (d) Analysis for :

Slope read from trendline equation (with unit) =

Use this slope to find the acceleration. Show your work clearly:

|  |  |
| --- | --- |
|  |  |

Part (e) Direct calculation of acceleration:

On a simple diagram, show the measurements taken, then show the trigonometry to find . Use that angle to calculate the acceleration from . Show your work clearly: