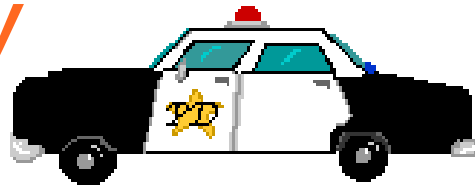


Activity

Mr lams data.84state



Mr. Lam has found himself in trouble with the law...
he needs your help to defend his case!!

Complete Investigation 2: Page 85

- Do steps A - E (Use TI-83 to plot data)
- Complete questions 1 - 8 at end of investigation

**When completed return to page 85 and do
the "Challenge Yourself" question**

B/ (60, 1276) ← 12:44
(240, 5144) ← 12:47

$$M = \frac{5144 - 1276}{240 - 60} \text{ m/s}$$

$$M = 21.488 \text{ m/s} \times \frac{1 \text{ km}}{10^3 \text{ m}} \times \frac{3600 \text{ s}}{1 \text{ h}} \quad (\times \underline{\underline{3.6}})$$

ARC = 77.36 km/h

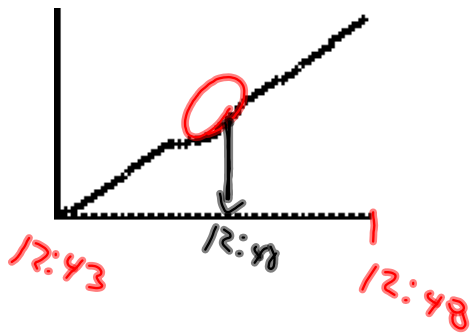
Lawyer Scribbles

$(180, 3736) \text{ ; } (175, 3549)$

$$\text{RC} = 134.64 \text{ km/h}$$

$180 \text{ ; } 135$

$$\text{RC} = \underline{125 \text{ km/h}}$$



Attachments

Mr lams data.84state