AP Calculus AB Wednesday, January 16, 2013

Summarize "pump" problem Work on airplane problem ETEH...Twiz



time, min

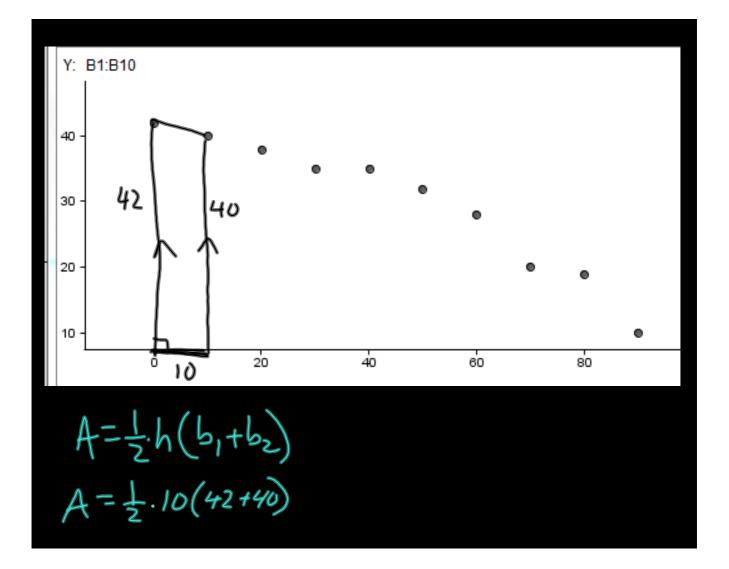
pump 1s slowing

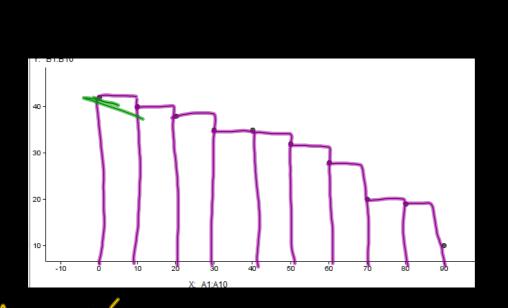
41.10 + 39.10 + 36.5.10+35.10+33.5.10+30.10+ 2730 gallons 2730 gallons +14.5.10 This method assumes that the Dump

This method assumes that the pump is slowing down at a constant rate on each 10 minute interval.

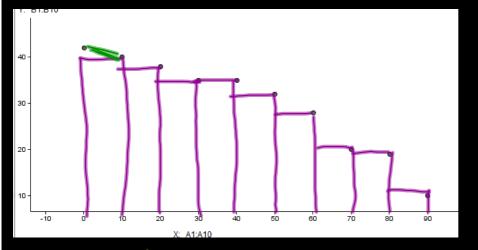
41 gal 10 min

410 gallons



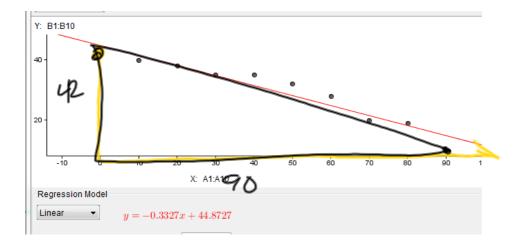


## Area=10(+2+40+38+35+35+32+28+20+19)Area= 2890 gallons

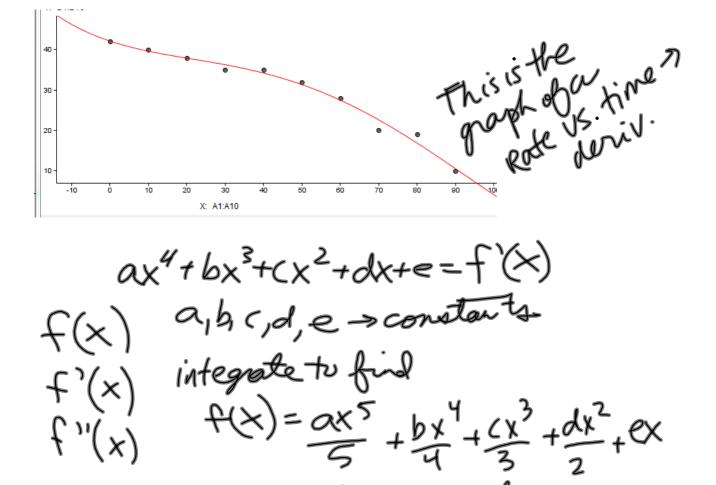


0 = 10(40+38+35+35+32+28+20+19+10)

alla = 2570 gallons



A=1



f(90) ~ 2729.5 gallons

