

Group Problem 1

Given the following data collected during a filter run where the initial turbidity (NTU) is 83:

Time (min)	Flowrate (ml/min)	Turbidity (NTU)	Volume (ml)	Average Turbidity (NTU)
0	750	4		
10	750	5		
20	750	5		
30	750	6		
40	750	8		
50	750	11		
60	--	10		

Group Problem 2

Given the following data collected during a filter run where the initial turbidity (NTU) is 112:

Time (min)	Flowrate (ml/min)	Turbidity (NTU)	Volume (ml)	Average Turbidity (NTU)
0	1,200	0.1		
10	1,200	0.5		
20	1,200	0.5		
30	1,000	0.6		
40	1,000	0.8		
50	1,000	1.1		
60	--	2.2		