



Math-2 HW #3-4

4. The cost of hiring a plumber, C, is a function of the time spent on the job, 't', in hours. If the plumber charges a fee of \$20 plus \$29 per hour:

							_	\ <b>A</b> /le = <b>t</b> :=
	Time (hours)	0	1	2	3	Λ	a. v	what is
the	Time (nours)	0		۲	5	4	equati	on that
the	Cost (\$)						models this	

situation?

- b. Fill in the table for this situation.
- 5. The following table defines the amount of snowfall as a function of elevation for a recent snow storm in upstate New York.

Elevation (ft)	1000	2000	3000	4000
Snowfall (in.)	4	6	9	12

- a. Write an equation that models this situation.
- b. What does the model predict the snowfall to be at an elevation of 5250 feet?