

3. (8 pts) Below is a table of values for the function  $C(t)$ .

$t$	3	5	7	9	11	13	15
$C(t)$	2.1	4.2	6.3	8.6	11.5	14.1	18.4

a) Could  $C(t)$  be linear? If so, give a formula. If not, demonstrate that it is not. Show your calculations.

b) Could  $C(t)$  be exponential? If so, give a formula. If not, demonstrate that it is not. Show your calculations.