(4.) (11 points) The table below gives the approximate number of cell phone subscribers, S, in millions, worldwide.

Year	1995	1996	1997	1998	1999	2000
Subscribers	91	138	210	320	485	738

(a) Demonstrate using the data in the table why it makes sense to model this data with an exponential function. Explain your reasoning.

(b) Write a formula for S as an exponential function of t, the number of years since 1995.

(c) In a single sentence describe how the number of cell phone subscribers has been changing since 1995. Use everyday words and do not use the symbols S or t.