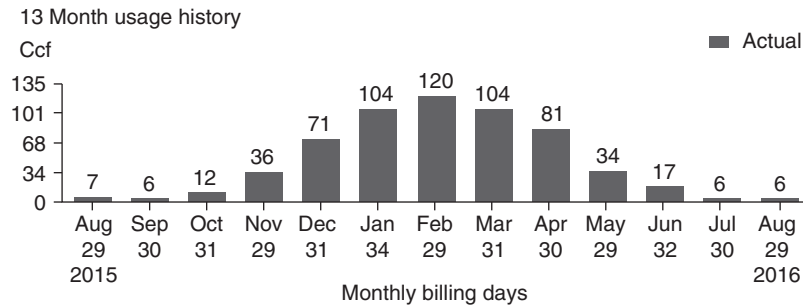


Trigonometric Functions

Month	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Natural Gas used in Ccf	7	6	12	36	71	104	120	104	81	34	17	6	6



Create a model for the natural gas consumption for 2015–2016. What do you predict the usage to be for January 2017? For July 2017?

What do you predict will be the average natural gas consumption for the year 2016?