BOARD NOTES

16 SEPTEMBER 2019

 \square

 \mathbf{a}

Q

ററ്

B

 \bigcirc

Q



2A.8 (A) analyze data to select the appropriate model from among linear, quadratic, and exponential models; 2A.8 (B) use regression methods available through technology to write a linear function, a quadratic function, and an exponential function from a given set of data; 2A.8 (C) predict and make decisions and critical judgments from a given set of data using linear, quadratic, and exponential models.

We will be able to use regression models to determine type of model, analyze data and make predictions.



WHAT WE NEED:

• TI – 84

I WILL BE ABLE TO COMPLETE MY HOMEWORK GIVING THE

- Linear
- Exponential
- Quadratic
- Power REGRESSION MODEL OF THE DATA.



Clear your calculator 2nd + 7 1 2



Pressure (in
atmospheres)
15.0
31.0
44.5
60.1
74.8
88.1





Year	Salary (in
	thousands)
1967	19.0
1976	51.5
1979	114
1982	242
1984	329
1986	413
1989	497





Length (in	Weight (in
inches)	pounds)
5.5	0.1
10.6	0.4
15	1.0
17	1.6
19.6	2.5
22	3.5
25	5.4
28	7.4



-	photomy, part hadre, set that photometric to prove park set distribution. They will be also to sprare the necksphere to that assesses spanticides and Yane the confidence to their and all subgestimetry.	
-50	Profiliates Technology User - Students out can technology or a tool to research, several annuales guida and adjustmen. They will demonstrate technology of comparison, essential adminus equipments, and the address are a functionage.	
**	Describeling Oblass - Students will carefulate every. Since, and takes to improve the welfare of hereafters and advers. They will degree a sense of maccial responsibility and participate by the demonstrate present senses. They will extra through sense integrees, choose official monore of activation and the present segmentably for their actions.	
4	*****	L







Ó

LINEAR REG

y= 1.464 X+1 y= 23,220x - 1629,625

y= .321x-2.983







#5

using precise language in written or oral



314 × 10 4 # O EXPONENTIAL QUADRA y= 13.804 (1.034 ×) Y= -.002x2 + 1.573x -.45 y= 1.291 x2-177,799x + 6127.127 .0003 (1.767×) y= .018x2 - .284x + 1.213 .050(1.210*)

POWER Y= 1.569x.987 X 500000000000000000000000 X 8000. 2.558

#A