Hours Spent	Math SAT
Studying	Score
4	390
9	580
10	650
14	. 730
4	410
7	530
12	600
22	790

1. Make a scatter plot and sketch what you see on the screen.

Find the Linear Regression equation.Round to the nearest hundredth as needed.

3. Use this equation to find the # of hours studied if the SAT score was 200.

4. If the score was 450 find the number of hours studied.

Chirps/Second	Temperature (° F)
20.0	88.6
16.0	71.6
19.8	93.3
18.4	84.3
17.1	80.6
15.5	75.2
14.7	69.7
15.7	71.6
15.4	69.4
16.3	83.3
and the state of t	

5. Make a scatter plot and sketch what you see on the screen.

Find the Linear Regression equation.
Round to the nearest hundredth as needed.

7. Use this equation to find the Temperature if there are 13 chirps/sec.

8. Find the # of chirps/sec if the Temperature is 100°F.

Hours Spent
StudyingMath SAT
Score1. Make a scatter plot and sketch what you
see on the screen.
$$4$$
 390
9 580
10 650
14 14 730
4 410 7 530
12 12 600
22 790 3. Use this equation to find the # of hours studied if the SAT score was 200. $X = -7i\mathcal{A}_0 hrs$ $200 = 22.24 \times +357.04$
 Y 4 $450 = 22.24 \times +357.04$
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 Y 4 If the score was 450 find the number of hours studied. Y $450 = 22.24 \times +357.04$
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 $X = 4.16 \times 1000$ 4 400×1000 4

Chirps/Second	Temperature (° F)	Make a scatter plot and sketch what you
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16.0	71.6	
19.8	93.3	
18.4	84.3	?
17.1	80.6	A 2
15.5	75.2	
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15.7	71.6	Find the Linear Regression equation.
15.4	69.4	Round to the nearest hundredth as needed.
16.3	83.3	X= chirps/ser,
16.383.31100 Ho Hodrocernance and the modelX= chirps/sec7. Use this equation to find the Temperature if there are 13 chirps/sec. $y = Temp$ 7. Use this equation to find the Temperature if there are 13 chirps/sec. $y = Temp$ 8. Find the # of chirps/sec if the Temperature is 100°F. $(00 = 4.15 \times 15 \times 16.70)$ $(00 = 4.15 \times 16.70)$ $\times 22 chirps/sec$		
	• •	X ~ ZZ CMMP5/Sec