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Question 2

The tables below shows the regression output, with some numbers erased, when a simple regression model relating a response variable Y to a predictor variable X_1 is fitted based on 20 observations. Complete the 7 missing numbers.

ANOVA Table				
Source	Sum of Squares	df	Mean Square	F-Test
Regression	1848.76	[A]	[B]	69.22
Residuals	[C]	[D]	[E]	

Coefficients Table				
Variable	Coefficient	s.e.	t-test	p-value
Constant	-23.4325	12.74	[F]	0.0824
X_1	[G]	0.1528	8.32	<0.0001
	$R^2=[H]$			

Testing (One Group Means)

- ▶ Week 3: Hypothesis Testing (Two Group Means)

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- ▼ **Week 6: Correlation and Regression**

Readings

Reading Check due May 03, 2016 at 17:00 UTC



Lecture Videos

Comprehension Check due May 03, 2016 at 17:00 UTC



R Tutorial Videos

Pre-Lab

(1/1 point)

2a) A=



Answer: 1

You have used 1 of 1 submissions

(1/1 point)


2b. B= (Round to 2 decimal places.)




Answer: 1848.76

You have used 1 of 1 submissions


(1/1 point)

Pre-Lab due May 03, 2016 at 17:00 UTC 

Lab

Lab due May 03, 2016 at 17:00 UTC 

Problem Set

Problem Set due May 03, 2016 at 17:00 UTC 

2c. C= (Round to 2 decimal places. Please do **not** use rounded values in your calculation.)



Answer: 480.75

You have used 1 of 1 submissions

(1/1 point)

2d. D=



Answer: 18

You have used 1 of 1 submissions

(1/1 point)

2e. E= (Round to 2 decimal places.)



Answer: 26.71

You have used 1 of 1 submissions

(1/1 point)

2f. $F =$ (Round to 2 decimal places.)



Answer: -1.84

You have used 1 of 1 submissions

(1/1 point)

2g. $G =$ (Round to 2 decimal places.)



Answer: 1.27

You have used 1 of 1 submissions

(1/1 point)

2h. $H =$ (Round to 4 decimal places. Use your rounded



Answer: 0.7936

You have used 1 of 1 submissions

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