			Na	me:								
Math 108-01	Quiz 2				Number:							
Summer 2024 Dr. Lily Yen	Show all				S	Signat	ure:					
•					,		ore:	/				
Problem 1: Use a per the following. Round y	_	_	_		`	183, T	``I83+	, TI84	4-Plus	s) to ev	valuat	te
a. $\frac{123.9 - 3.2^4}{\sqrt{3.17} - 11.8} \approx$												
b. $\left(\frac{11}{3}\right)^{1.14} - 21.4 \times$	$\left(\frac{10}{11}\right)^{-1.32}$	\approx										
Problem 2: Shown is neight, weight, shoes si	_				om a	data	set f	rom k	aggle.	Score: .com sl	,	/2 ng
Height (cm):	158 165	178	165	160	174	163	168	185	195			
Shoe size (European):	38 38	42	40	38	44	38	39	42	41			
b. Use linear regress places.	ion to find	a mod	el to	fit you	ır plo	t. Rep	oort y	our m	odel 1	Score: 50 six d	,	/2 al
										Score:	/	/2
c. According to you of a student with	•											er
										Score:	/	/1
d. According to you of 35? Comment						eight	for a	stude.	nt wit	ch a sh	oe siz	ze
										Score:	,	/9

e. Comment on the reliability of your linear regression model relative to the scatter plot.

Score: /1