> Manual	calculation	0\$	Linear	Regression
241, July	Deight (2) pri	co (y)	ا العود.	( ) 327 <b>\( )</b> [ ( )

Ų	weight (2)	price (y)	7.32
	2	35.	Ky svittagen
	્ષ	60	1
	5	20	: oswejt
	3	\$0	
	6	50	
	5	55	
	7	60	
			†

$$m = \frac{\sum (z - \overline{z})(y - \overline{y})}{\sum (z - \overline{z})^{\gamma}}$$

$$=(2.6 \times 2) + 35.23 = 40.43$$

. Residual = Actual price - predicted price = 35-40.43

=-5.43

With the same process,

weight(x)	interview (4) producted pr		Paridual
weedwi(E)	brice (A)	predicted price	restauce
2	35	40.43	-5.43
4	60	45.63	14.37
5	20	48.23	-28.23
3	50	43.03	6.07
6	50	50.83	-0.83
5	55	48.23	6.77
7	60	53.43	6.57

$$MAE = \frac{1}{N} \sum_{i=1}^{N} (3i - 3i) = 0.8814$$

$$MSE = \frac{1}{N} \sum_{i=1}^{N} (3i - 3i)^{N} = 167.3118$$