Minutes running	Weight	x minus mean	y minus mean	x mean * y mean									
90	180	26.875	1.75	47.03125		Sy=	1.488047618						
50	178	-13.125	-0.25	3.28125									
60	179	-3.125	0.75	-2.34375		Sx =	12.27584737		Y-intercept				
70	177	6.875	-1.25	-8.59375		Sy/Sx =	0.1212175073		175.5721057				
62	180	-1.125	1.75	-1.96875		r =	0.3499666744						
55	179	-8.125	0.75	-6.09375									
58	177	-5.125	-1.25	6.40625		m =	0.04242208793						
60	176	-3.125	-2.25	7.03125									
505	1426			44.75		Wei	Weight vs. Minutes running						
x mean	y mean						_						
63.125	178.25					1	200						
		(x- x mean) ^2	(y-y mean) ^2				•	• • •	•		•		
		722.265625	3.0625				150						
		172.265625	0.0625				130						
		9.765625	0.5625										
		47.265625	1.5625			ght	100						
		1.265625	3.0625			Wei							
		66.015625	0.5625										
		26.265625	1.5625				50						
		9.765625	5.0625	Sums multiplied	square root of product								
	Sum	1054.875	15.5	16350.5625	127.8693181								
							0	00	70				
							50	60	70	80	90		
							Minutes Running						
							, and the second						