nutes running for the week	Weight by week					
90	180				Calculation Summary	
50	178					
60	179				Sum of <i>X</i> = 505	
70	177				Sum of Y = 1426	
62	180				Suili 01 7 - 1420	
55	179				Mean <i>X</i> = 63.125	
58	177					
60	176				Mean Y = 178.25	
Weight by week vs. Minutes running for the week				Sum of squares $(SS_{\chi}) = 1054.875$		
Regression Line				Sum of products $(SP) = 44.75$		
150					Regression Equation = ŷ = bX + a	
100					b = SP/SS _X = 44.75/1054.88 = 0.04242	
Meight by week					$a = M_Y - bM_X = 178.25 - (0.04*63.13) = 175.57211$	
50 0 50	60	70	80	90		