Γitle	Quiz 5c
/	A student stomps sternly on a super-sized stomp rocket. They notice that the rocket lands 65 m away in a time of 4.7 s.
F	ind the total initial velocity (magnitude and direction) of the rocket.
+	
-	
+	
+	
+	
+	
+	
+	
+	
+	
-	

$$V_{T} = V_{T} = V_{X}^{2} + V_{yo}^{2}$$

$$= 26.89 \text{ m/s}$$

$$V_{X} = 13.83 \text{ m/s}$$

$$= 590$$

$$V_{T} = 27 \text{ m/s} \quad 59^{\circ} \text{ (above hovizon} \text{ fall)}$$