Dates

$$a = 5 m/s^{2}$$
 $9 = 9.81 \text{ m/s}^{2}$
 $4 = 9$
 $5 = 9.81 \text{ m/s}^{2}$
 $7 = 9.81 \text{ m/s}^{2$

Y= 1,27m

() hmax = 1, 27m

$$*V = -gt + c, \quad -gt = \int sube$$

$$V = 5 - gt + gt = \int baja$$

$$Vf = 5 - gt$$

$$O = 5 - gt$$

$$t = \frac{5 \text{ m/s}}{9 \text{ sim/}^{2}}$$

 $Q_{X}Q$

$$\frac{6}{3} = \frac{5t}{2} + \frac{9.8 \cdot 75^{2}}{2} \cdot t^{2}$$

$$\frac{9.81 \cdot 75^{2}}{2} \cdot t^{2} + 5t = 1,27 \text{ m}$$

$$\frac{9.81 \cdot 75^{2}}{2} \cdot t^{2} + 5t - 1,27 \text{ m} = 0$$

$$t = 0,21 \text{ s} \text{ Tiempo de vuelo}$$

C)
$$\chi = \sqrt{0.t} + \frac{9}{2}.t^2$$

$$f(t) = \sqrt{0.t} + \frac{9}{2}.t^2$$

$$f(t) = \frac{9}{2}.t^2$$

Х	F(t)