41,53 mm, 41,49 mm, 41,48 mm, 41,51 mm, 41,47 mm

Calabanos a observación típica $\int_{-\infty}^{\infty} \frac{\left(\ell_{i} - \bar{\ell} \right)^{2}}{n(n-1)}$ $\left(\ell_{1} - \bar{\ell} \right)^{2} = \left(41.53 - 41.496 \right)^{2} = 0.00156$ $\left(\ell_{2} - \bar{\ell} \right)^{2} = \left(41.49 - 41.496 \right)^{2} = 0.00036$ $\left(\ell_{3} - \bar{\ell} \right)^{2} = \left(41.48 - 41.496 \right)^{2} = 0.000256$ $\left(\ell_{4} - \bar{\ell} \right)^{2} = \left(41.51 - 41.496 \right)^{2} = 0.000196$ $\left(\ell_{5} - \bar{\ell} \right)^{2} = \left(41.47 - 41.496 \right)^{2} = 0.000676$ $\frac{5}{2} \left(\ell_{i} - \bar{\ell} \right)^{2} = 0.00232$ $\frac{5}{2} \left(\ell_{i} - \bar{\ell} \right)^{2} = 0.00232$ $\frac{5}{2} \left(\ell_{i} - \bar{\ell} \right)^{2} = 0.00232$

41,50 ± 0,05 mm

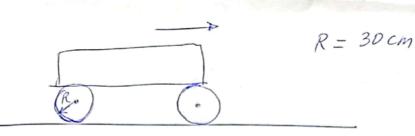
Vox = Vo cos 450 = 20 \siz = 10\siz m/s Vog = Vo sauys° = 20 12 = 10 VZM/s o tempo que tarde a pelota dende que se lanza ata tocar o chan é y = Voy t - 1 gt=0 =0 10V2. t- 1 9,81.t2=0 Solucións : E= 0, Non vale $t = \frac{2 \times 10 \times \sqrt{2}}{9.81} = \frac{2,9.5}{}$ Norte tempo recore unha distancia no cixo X X = Vox.t = X = 10V2 x 2,9 = 40,89 M O xogador no memo tempo t=2,95 debe recorrer 60 m - 40,9 m = 19,1m Vxogador = 19,1 m = 6,6 m/s

A unha distancia do futbolista de 30 m a posición da pelota debe ser menor de 2 m de altura (y22m) X = Vox.t = t = X y = Vogt - 1 gt2 $y = V_{0y} \frac{x}{V_{0x}} - \frac{1}{2}g\left(\frac{x}{V_{0x}}\right)^{2} = V_{0x} = V_{0y} = \frac{30 \text{ m}}{10\sqrt{2}}$ $30 - \frac{1}{2} 9.81 \left(\frac{30}{10 \sqrt{2}} \right)^2$ 30-22,1 = 7,9 m -

3)
$$V_0 = 0$$
 $a = \frac{4m/s^2}{pennte}$ pennte 45

 $a = -8^n m/s^2$ ata $V_F = 0$
 $a = -8^n m/s =$

Escaneado con CamScanner



$$|V_0 = 0|$$

$$|V_F = 30 \frac{m}{s}|$$

$$|t = 5 s|$$

$$|a_t = x \cdot R| \Rightarrow x = \frac{6m/s^2}{0.15}$$

$$|x = 40 \text{ rd}|$$

$$\delta = W_0 t + \frac{1}{2} \times t^2 = \text{angulo descrito}$$

$$\delta = \frac{1}{2} \times 40 \times 5 = 500 \text{ rd}$$

$$\frac{500 \text{ rd}}{271 \text{ rd}} = 79,62280 \text{ voltas}$$