O4mxv_3

[m] 45m

$3,6 \frac{km}{h} = 1\frac{m}{s}$

$x_F = x_0 + vt$; $45 = 0 + 1 \cdot t \rightarrow t = 45s$

[4] $36 \frac{km}{h} = 10\frac{m}{s}$ 5s

$x_F = x_0 + vt$; $x_F = 0 + 10 \cdot 5 = 50m$

[c] 100m $340\frac{m}{s}$

$x_F = x_0 + vt$; $100 = 0 + 340 t$

$t = 0,294s$

[c] 100m   10s

$x_F = x_0 + vt$; $100 = 0 + V \cdot 10$

$V = 10 \frac{m}{s}$

[i] 3m   0,1s

$x_F = x_0 + vt \rightarrow 3 = 0 + V \cdot 0,1$

$V = 30 m/s$

[e] $3,6 \frac{km}{h} = 1\frac{m}{s}$ 7,5s

$x_F = x_0 + vt$; $x_F = 0 + 1 \cdot 7,5 = 7,5m$

[l] 30 km = 30.000 m

15 min = 900s

$x_F = x_0 + vt$; $30000 = 0 + V \cdot 900$

$V = 33,333 m/s$

[a] 0,2s $90 \frac{km}{h} = 25\frac{m}{s}$

$x_F = x_0 + vt$; $x_F = 0 + 25 \cdot 0,2$

$x_F = 5m$

[g] $65 \frac{km}{h} = 18,056 \frac{m}{s}$ 0,5s

$x_F = x_0 + vt$; $x_F = 18,056 \cdot 0,5 = 9,028m$

[0] $36 \frac{km}{h} = 10\frac{m}{s}$ 6m   3400 = 0 + 10 · t

$x_F = x_0 + vt$ t = 340s