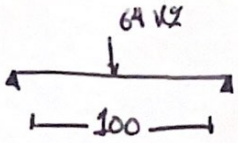
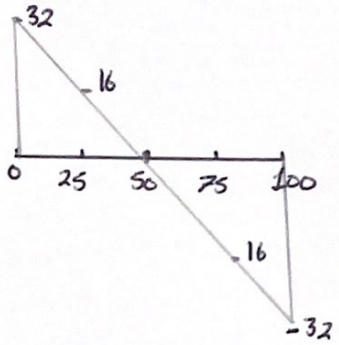



$RA = RB = \frac{64\ Kg}{2} = 32\ Kg$ $\quad \frac{64\ Kg}{100\ cm} = .64\ Kg/cm$


$32\ Kg - (.64\ Kg/cm)(x) - V = 0$
$V = 32\ Kg - [.64\ Kg/cm\ (x)]$

Cortante

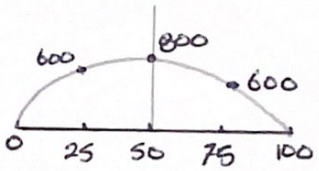
$V = 32\ Kg - [.64\ Kg(0)] = 32\ Kg$
$V = 32\ Kg - [.64\ Kg(25)] = 16\ Kg$
$V = 32\ Kg - [.64\ Kg(50)] = 0\ Kg$
$V = 32\ Kg - [.64\ Kg(75)] = -16\ Kg$
$V = 32\ Kg - [.64\ Kg(100)] = -32\ Kg$




Momento

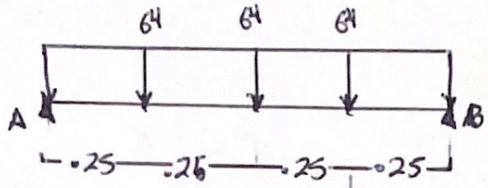
$32\ Kg(x) + [.64\ Kg/cm\ (x)(x/2)] + M = 0$
$M = 32\ Kg\ (x) - .32\ Kg/cm\ (x^2)$

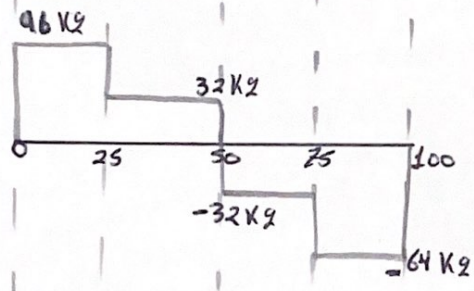
$M = 32(0) - .32(0)^2 = 0\ Kg \cdot cm$
$M = 32(25) - .32(25)^2 = 600\ Kg \cdot cm$
$M = 32(50) - .32(50)^2 = 800\ Kg \cdot cm$
$M = 32(75) - .32(75)^2 = 600\ Kg \cdot cm$
$M = 32(100) - .32(100)^2 = 0\ Kg \cdot cm$




Ober Emmanuel López Bulido

$RA = RB = \frac{3F}{2}$ $\frac{3(64)}{2} = 96$

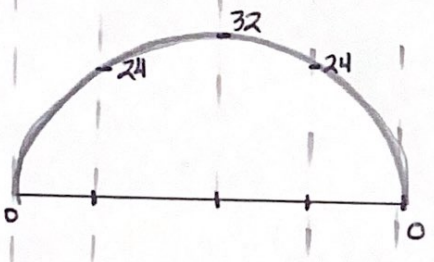



$96\,Kg - 64\,Kg = 32\,Kg$

$32\,Kg - 64 = -32\,Kg$

$-32\,Kg - 64\,Kg = 96\,Kg$




$0(.25\,cm \cdot 96\,Kg) = 24\,Kg \cdot cm$

$24(.25\,cm \cdot 32\,Kg) = 32\,Kg \cdot cm$

$32(.25\,cm \cdot -32\,Kg) = -24\,Kg \cdot cm$

$24(.25\,cm \cdot -96\,Kg) = 0\,Kg \cdot cm$

Uber Emmanuel López Pulido