

ICATT	APPRENTICESHIP PROGRAM TRAIN.RETAIN.GROW.	Information
Date:	Weights	

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Calculate the max mass you can lift if you apply a force of 5N!

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Solution:

$$g=9.81\text{m/s}^2, F_w=5\text{n} \quad (\text{N}=\text{kg}\cdot\text{m/s}^2)$$

$$F_w = m * g$$

$$m = F_w/g$$

$$m = 5\text{N}/9.81\text{m/s}^2$$

$$m = 5\text{kg}\cdot\text{m/s}^2 / 9.81\text{m/s}^2$$

$$m = 0.5\text{kg}$$