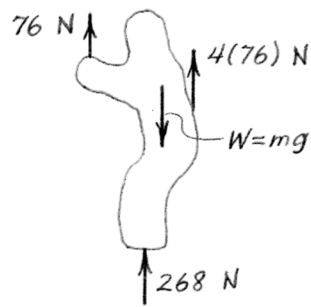


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$$\Sigma F = 0: 76 + 4(76) + 268 - W = 0$$

$$\underline{W = 648 \text{ N}}$$

$$m = \frac{W}{g} = \frac{648}{9.81} = \underline{66.1 \text{ kg}}$$

WILEY