

My Title

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1 My Special Header

$$F_g := mg$$

$$U := F_g h$$

$$m := 10000.0000 \text{ g}$$

$$g := 9.8100 \text{ m s}^{-2}$$

$$h := 10.0000 \text{ m}$$

2 Evaluation

$$U = F_g h$$

$$981.0000 \text{ J}$$

$$F_g = mg$$

$$98.1000 \text{ N}$$