

A Simple Machine of Course Always Reduces Force Chant

A simple machine of course, of course, always reduces the force of course.

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How to solve for Work using the formula $W = F \times d$



$Work (J) = F (N) \times d (m)$
ex. How much work is done when Goofy supplies a force of 200 N to lift a dumbbell above his head 2 meters?



$Work (J) = F (N) \times d (m)$
Solve:
 $W (J) = 200 N \times 2 m$
 $W (J) = 400 Nm$ (hint* $1Nm = 1J$)
 $W = 400 J$