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the same speed (if we neglect air resistance). ... College and University Physics Questions (mostly first year level) Density Problems Energy ...

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## Kinematic Equations: Sample Problems and Solutions

Introduction to Dynamics: Newton's Laws of Motion; 4.1

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Substituting the values in the above given formula,  $Work = 15 \times 0.7 = 10.5 \text{ J}$  Therefore, the value of Work is 10.5 J.. Example 2: Refer the below work physics problem with solution for a boy who uses a force of 30 Newtons to lift his grocery bag while doing 60 Joules of work.

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