



Name: \_\_\_\_\_

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# Conservation and transfer of energy: project-based learning with Rube Goldberg machines

## Video assessment worksheet



### Evaluating energy transfer

Reference Video: <https://www.youtube.com/watch?v=GEzcO3nfjZk>

1. Identify an example of a simple machine that you saw in the video.
2. What was its energy transfer?
3. Use a brief description to describe the action.

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**4. How would you calculate the energy input?**

**5. How would you calculate the energy output?**

**6. How would you calculate the ratio of energy output to energy input?**