



Design and record the effectiveness of your pulley in the space below

Draw your pulley:

List of materials:

Pulley creator	Force needed to lift the load without the pulley (N)	Force needed to lift the load with the pulley (N)





## Evaluate your pulley system

1. Did your pulley make it easier to lift the load? How do you know?

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2. Whose pulley was the most effective? Explain your answer

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3. How does your pulley compare with the most effective pulley? (If yours was the most effective, how does it compare to the next most effective?)

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4. If you had to make your pulley again, what would you change to improve it?

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Complete the table below. One example has been given to you

Leaver example	Drawing (with labels)	How does it work?
Wheelbarrow		

