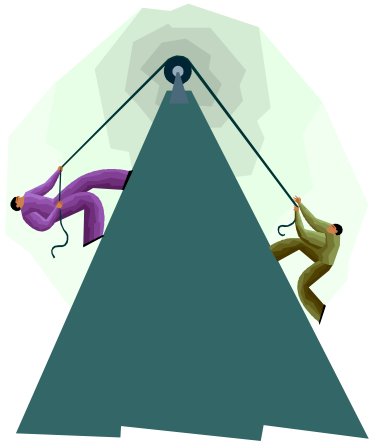
Name: _____ **Date:** _____

Powerful Pulleys: The Power of Mechanical Advantage Activity – Post-Activity Assessment Worksheet



1. What is a **pulley**?

   _____

   _____

   _____

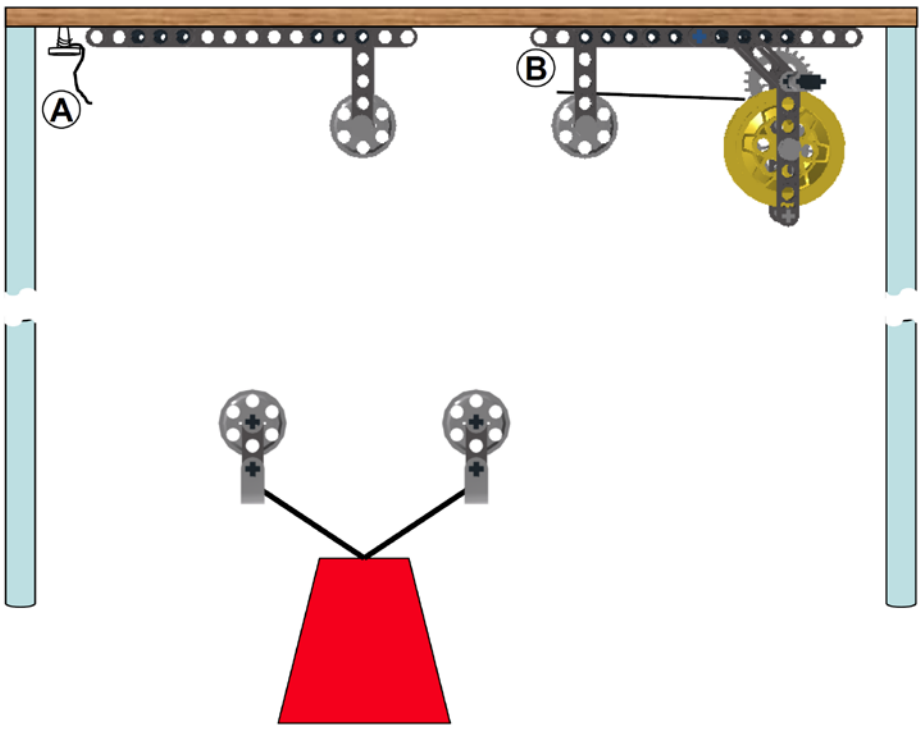
2. What is the purpose of using a **pulley**?

   _____

   _____

   _____

3. Using the picture on the next/back page, connecting Line Ⓐ with Line Ⓑ by drawing the way you think the line should go through the **pulleys**.



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4. Describe why the string should be configured that way.

_____

_____

_____

5. What are the two types of **pulleys**?

_____ _____

6. What is a simple machine?

_____

_____

_____

7. What do you predict will occur when you use **pulleys** to lift something heavy?

_____

_____

_____