

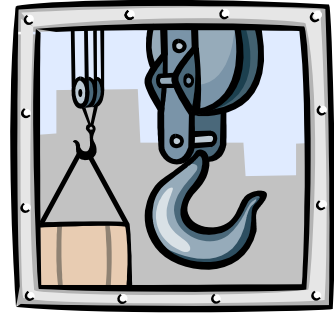
Name:

Date:

Class:

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

1. What is a **pulley**?



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

3. And where do you see **pulleys** in everyday life?

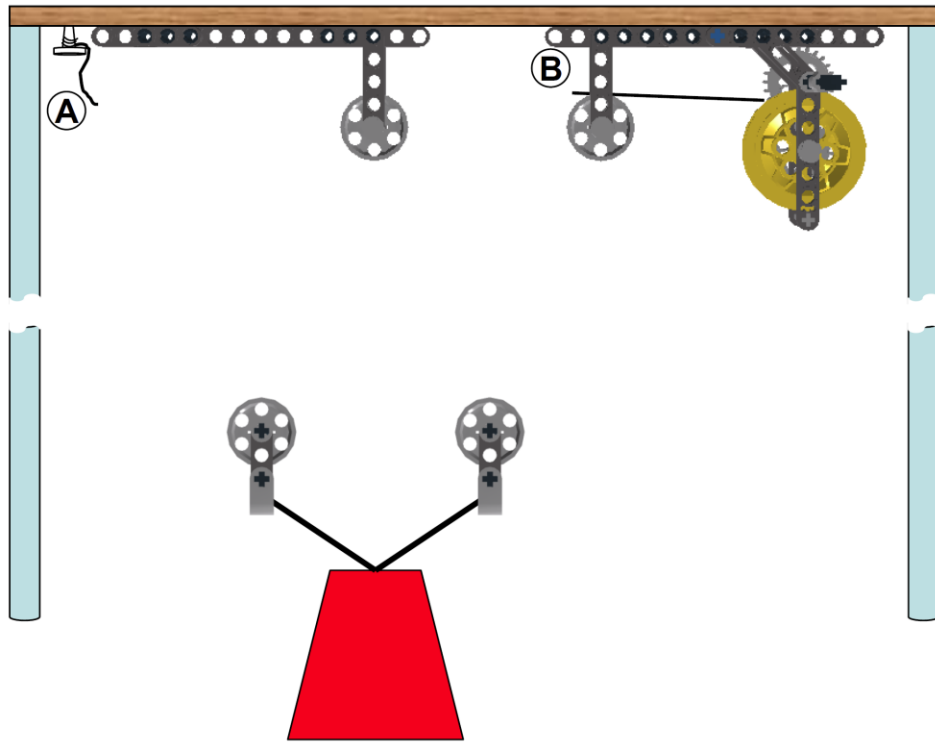
4. What are the two types of **pulleys**?

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

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6. In the above image (and including your filled-in line drawing), describe why the tension is reduced.
