

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

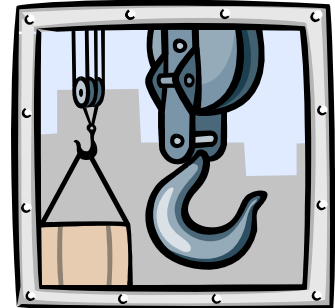
## Powerful Pulleys: The Power of Mechanical Advantage Activity – Pre-Activity Assessment Worksheet

1. What is a **pulley**?

---

---

---



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

---

---

---

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

---

---

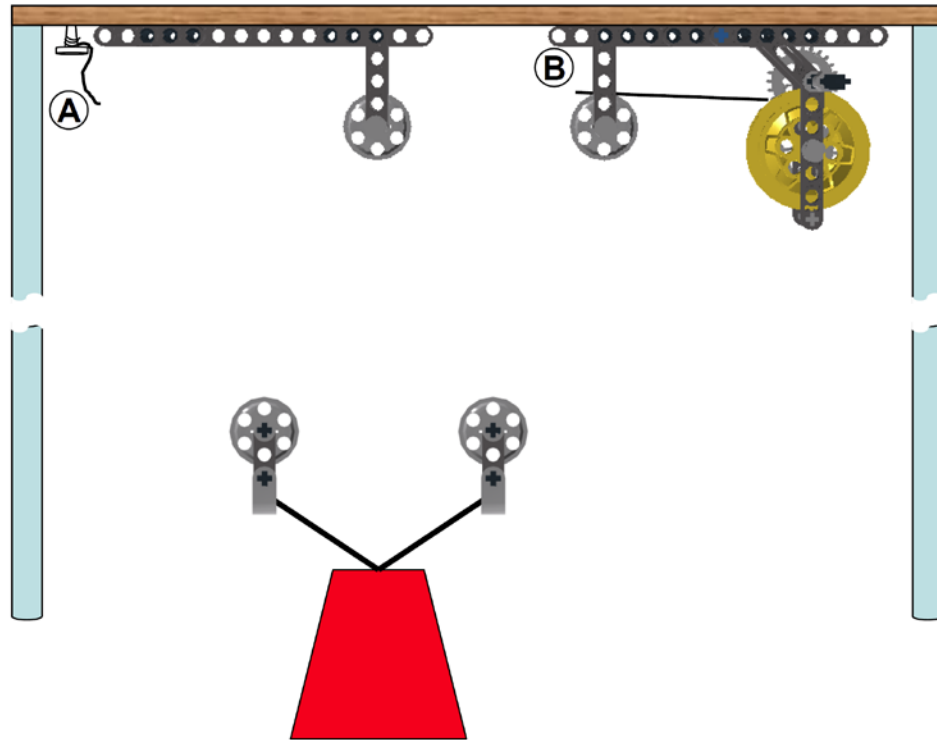
---

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**.

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



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

---

---

---