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

1. What is a **pulley**?

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

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

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

1. 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**.

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