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

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| 1. MC900055077[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**. |

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