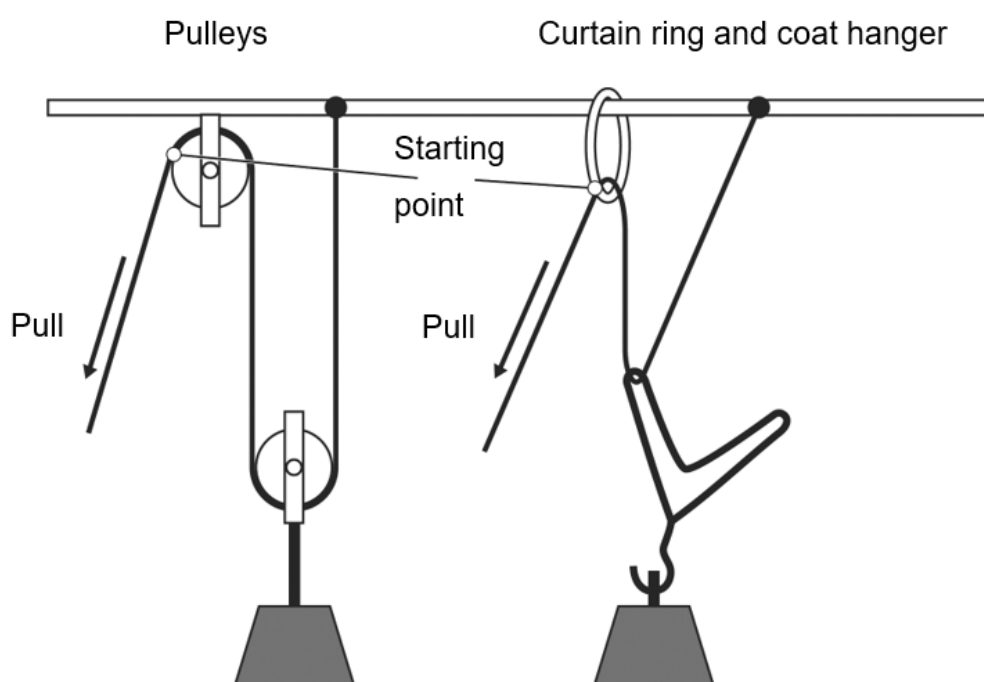


Mark a starting point on the string before pulling. When the pull is complete then measure the distance from the mark back to the pulley. Make sure you pull the string downwards in order to avoid the pulleys or curtain rings be pulled along the dowel.



PULLEY SYSTEMS: RESULTS TABLE

<b>Weight being lifted (g)</b>	<b>Estimated distance (cm)</b>	<b>Actual distance 1<sup>st</sup> measurement</b>	<b>Actual distance 2<sup>nd</sup> measurement</b>	<b>Actual Distance 3<sup>rd</sup> measurement</b>	<b>Average</b>

What do you notice about the distance you needed to push the lighter objects compared to the heavier objects?

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