Me	echanical Advantage Calculations	lame:
1.	What is the ideal mechanical advantage of a 3.5-cm screw of	of which the threads measure 9.5 cm in length?
2.	Calculate the actual mechanical advantage of a pulley attac operate.	hed to a 435-N load, but requiring only 75 N to
3.	What is the actual mechanical advantage of a lever created boulder is lifted with only 225 N of force?	form a plank of wood and a paint can if a 1540-N
4.	Calculate the mechanical advantage of a ramp that is 4 m lo	ong and 1.5 m high.
5.	A student uses a pencil as a lever to launch a piece of trash the fulcrum just 3 cm from where she applies effort, and 7 c advantage the lever gives?	into the trashcan. If the student positions a marker as m from the piece of trash, what is the mechanical
6.	A young man works at the local gym. To block the intense screen over the windows. If he uses only 65 N of force to op of the pulley?	afternoon sun, he uses a pulley to lower a 490-N perate the pulley, what is the mechanical advantage
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