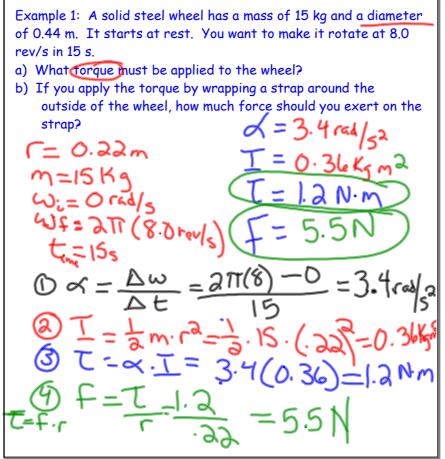
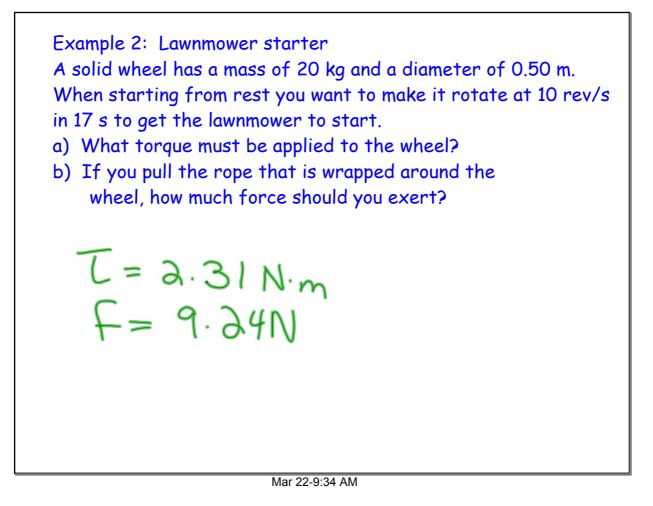


Mar 22-9:17 AM



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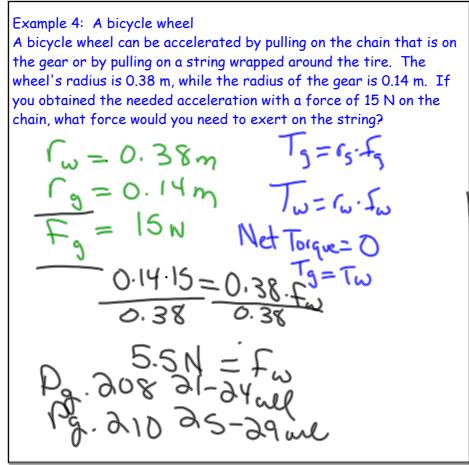


Example 3: A solid wheel & a bicycle wheel A solid wheel accelerates at 4.15 rad/s² when a force of 5 N

exerts a torque on it. If the wheel is replaced by a bicycle wheel with all of its mass on the rim, the moment of inertial is given by $I = mr^2$. If the same angular velocity were desired, what force would have to be exerted on the strap?

IDN

8.2 Newton's Second Law for Rotational Motion-notes 3-22.notebook



Mar 22-9:58 AM