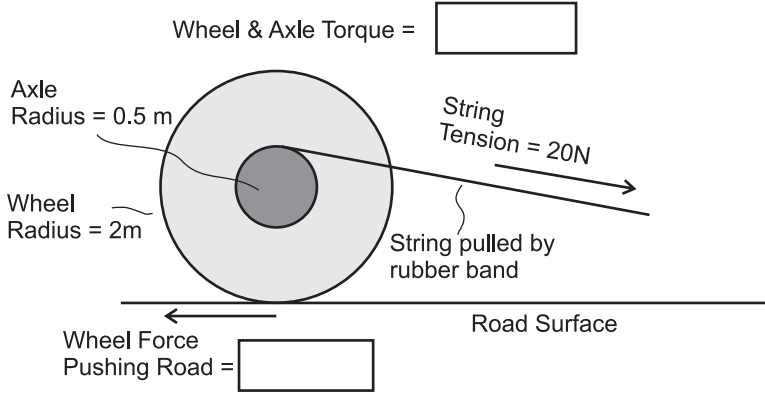


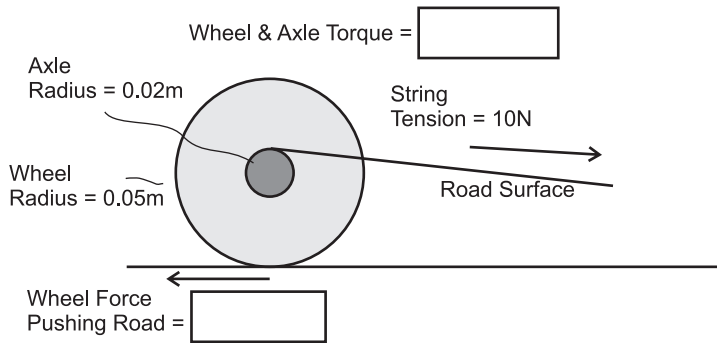
$$T = fr \quad f = \quad r =$$

Torque is the same at every point in a rotating body.

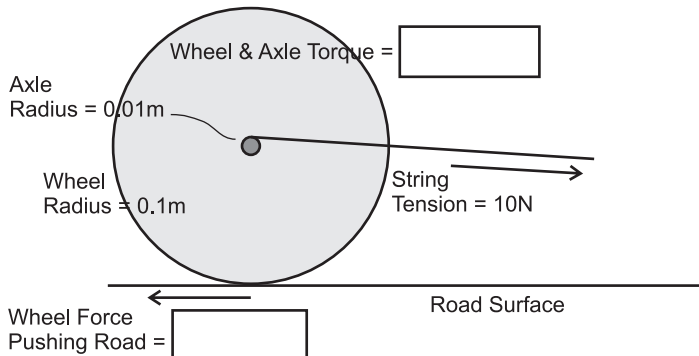
Example.



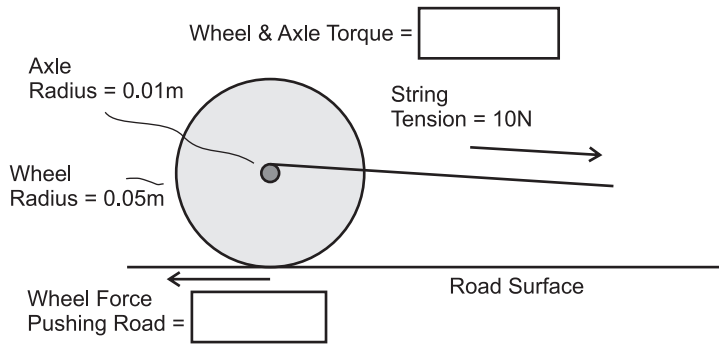
Problem 1.



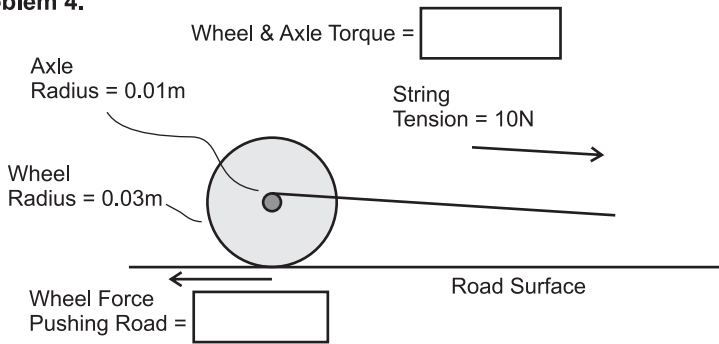
Problem 2.



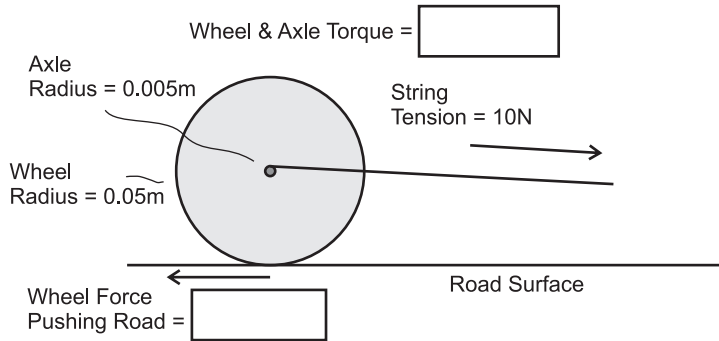
Problem 3.



Problem 4.



Problem 5.



6. How are string tension and wheel/axle torque related? a) inversely b) directly c) neither
7. How are axle radius and wheel/axle torque related? a) inversely b) directly c) neither
8. How are wheel radius and wheel/axle torque related? a) inversely b) directly c) neither
9. How are wheel radius and “wheel force pushing road” related? a) inversely b) directly c) neither
10. How are wheel/axle torque and “wheel force pushing road” related? a) inversely b) directly c) neither