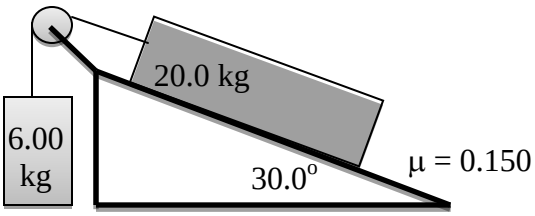
Physics **Newtonian Physics** **Mr. McMullen**

Name_____ Date _____ Period _____

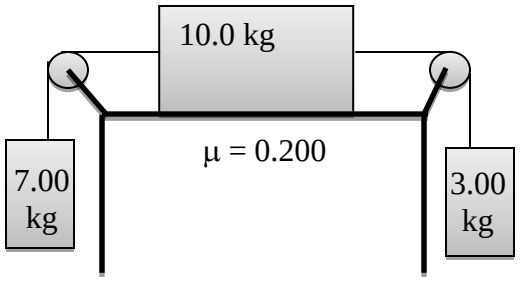
Newtonian Physics – Free Body Diagrams Set 2

Draw a Free Body Diagram for each situation labeling all forces acting on the body. Show the appropriate equations, sum of the forces and accelerations. FBD Equations Forces & Accelerations

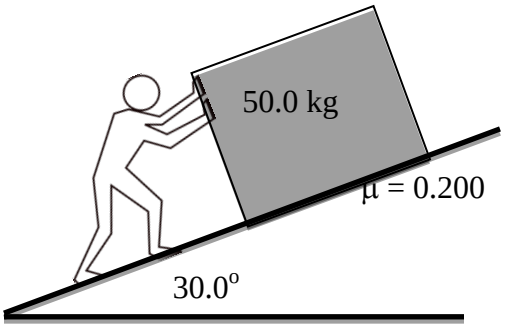
1.



2.



3.



How much force must Burt apply to the box to accelerate it up the incline at 2.0 m/s^2?

Answer _____