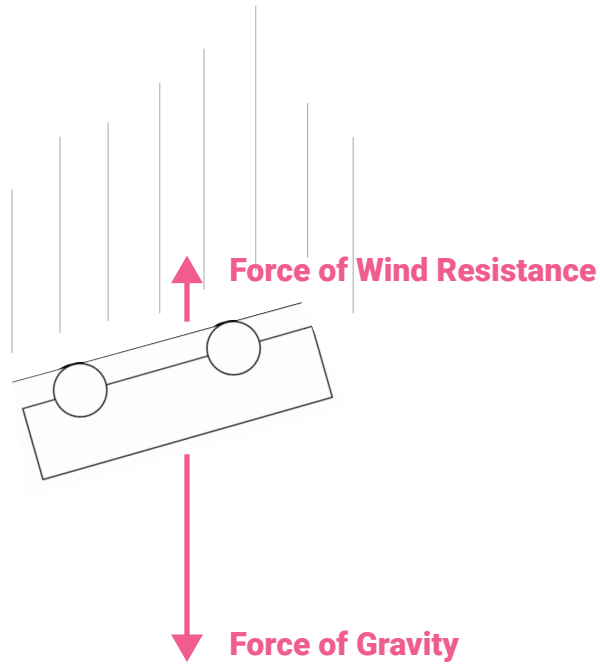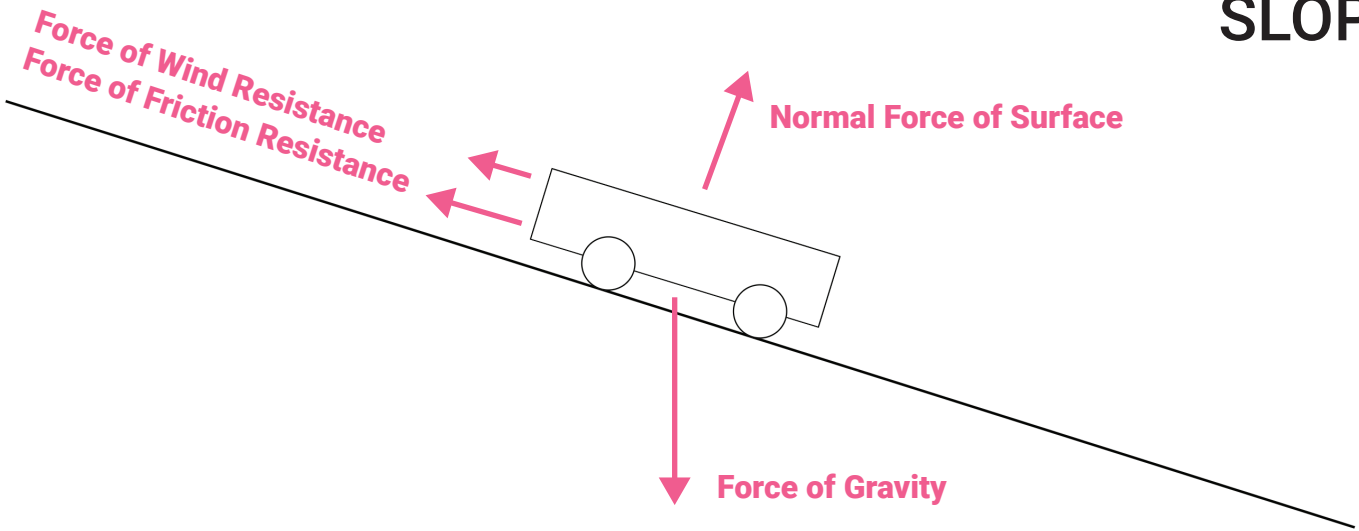Draw and label the free body diagram arrows that represent the forces acting on the pinewood car in each scenario

# DROP

Force of Wind Resistance

Force of Gravity

# SLOPE

Force of Wind Resistance
Force of Friction Resistance

Normal Force of Surface

Force of Gravity

# ROCKET

Normal Force of Surface

Force of Wind Resistance
Force of Friction Resistance

Propulsion Force of Rocket

Force of Gravity