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Per: $\square$ \#:
In each case, a ROCK is acted on by one or more forces. All drawings are in a vertical plane, and friction is negligible except where noted. Draw accurate free-body diagrams showing all forces (Using Agent-Object Notation) acting on the rock. Make sure you circle your system. Do it in pencil so you can correct your mistakes. Resolve all forces that are at a non-right angle. You may use abbreviations like T = Tension and G = Gravity. Make sure you write out what the abbreviations mean at the start.

Remember the questions to ask yourself. Is the force to be split on a hill? If yes then split up the Force of Gravity

10. Static friction prevents sliding. *

