1. Can you apply a force without the object sliding?

* + What is the relationship between the applied force and the force of friction?
  + Is this static or kinetic?

2. What happens to the frictional force when the object begins to move?

* + Does friction change with more or less applied force once sliding?
  + Is this static or kinetic?

3. When does the “Total Force” (Net Force) appear?

* + Can you adjust the applied force so that object keeps sliding, but total force is zero?

4. What happens to the friction force when you let go of a sliding object?

* + Compare the friction force and the total force when the object is sliding to a stop.