

Quiz - Le 28

Name: _____

In this class we have primarily used three conservation principles to solve kinetics problems. Answer the following questions for each principle.

Conservation of Linear Momentum and Angular Momentum - Rate Form

Write the rate form of LM and AM without making any assumptions

What assumptions do we usually make in this class when using this? Write the equation using these assumptions.

What types of clues in a problem statement would lead you to use this principle?

Conservation of Linear Momentum and Angular Momentum - Finite Time Form

Write the finite-time form of LM and AM without making any assumptions

What assumptions do we usually make in this class when using this principle?

What types of clues in a problem statement would lead you to use this principle?

Conservation of Energy - Finite Time Form

Write the finite time form of conservation of energy without making any assumptions

What assumptions do we usually make in this class when using this principle?

What types of clues in a problem statement would lead you to use this principle?