

Unit 11.2 Notes: Conservation of Energy

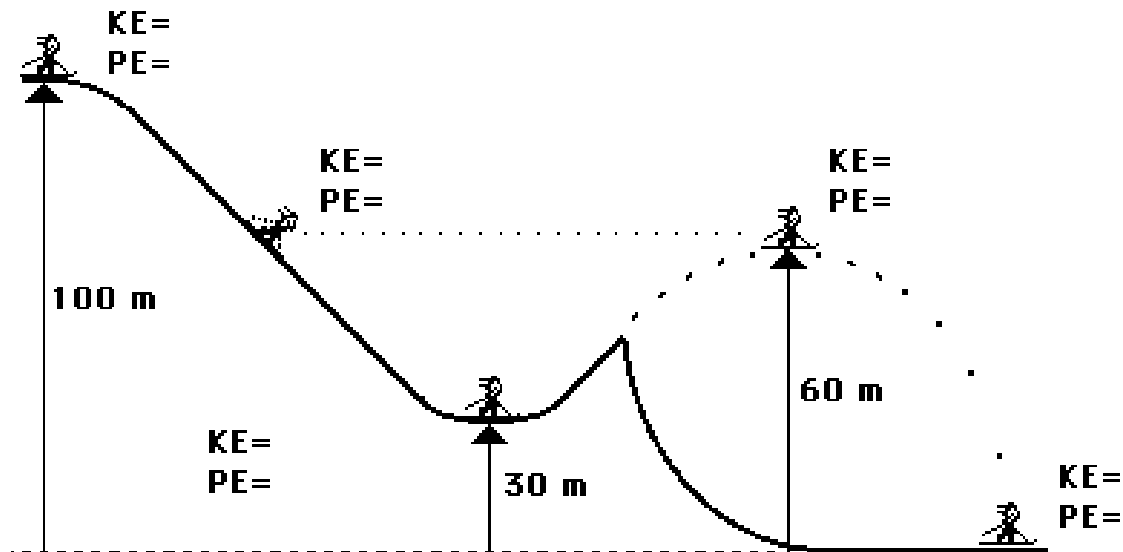


1. Law of *conservation of energy*

-
-
-
-

2. What is *mechanical energy*?

-
-



1. Mass of the skier is **50 kg**. Use **10 m/s/s** for g . Find KE and PE for all the listings.

2. Find her speed when she is at 30 m.

3. What is her final velocity?

4. Can the skier have mechanical energy without having momentum? Explain