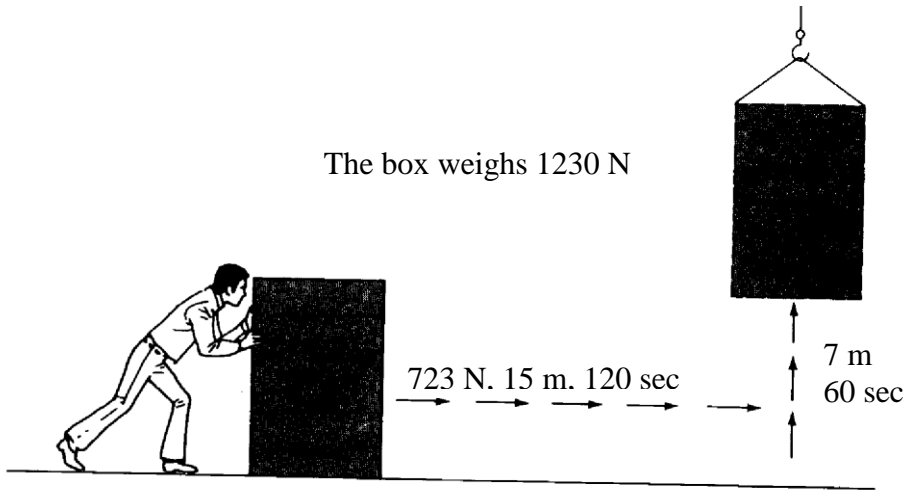


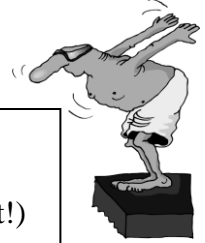
Solve the following problems. *Show your work.* Include a *label.*



1. Work done sliding box across floor _____
2. Power to slide the box across the floor _____
3. Work done lifting box _____
4. Power to lift box _____

5. Three divers with the **same mass** are pictured to the left. The potential energy for all three is given. Determine the kinetic energy for each diver.

PE = 4,500 J
 KE = _____
 (hint: he hasn't jumped yet!)



PE = 2,700 J
 KE = _____



PE = 1,000 J
 KE = _____

