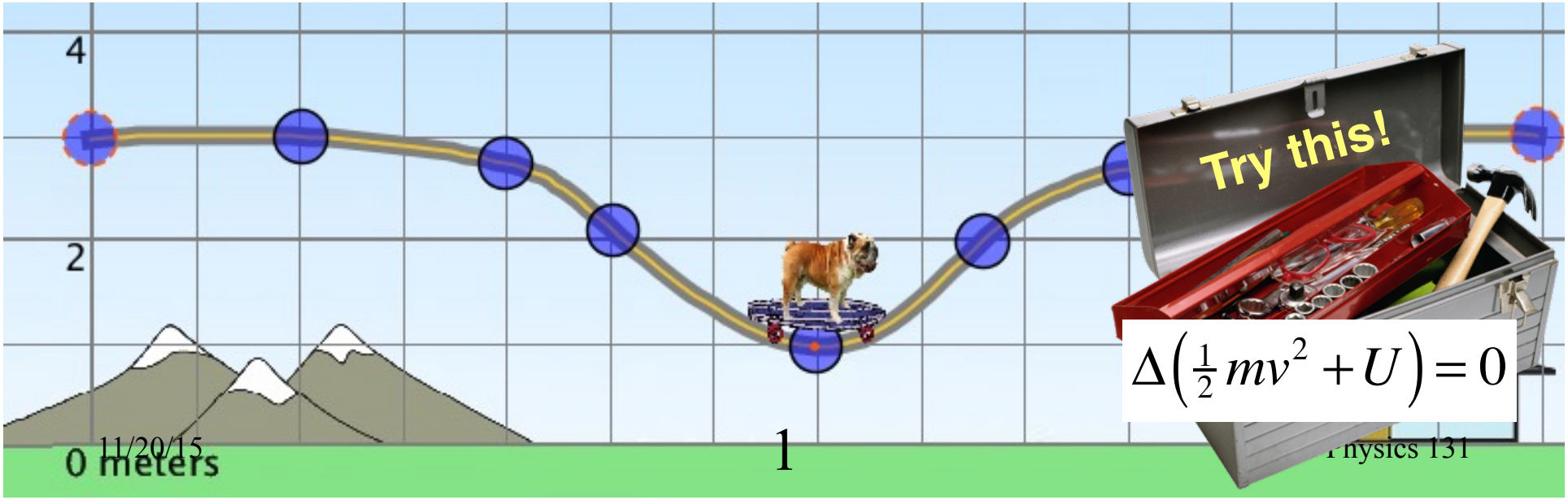
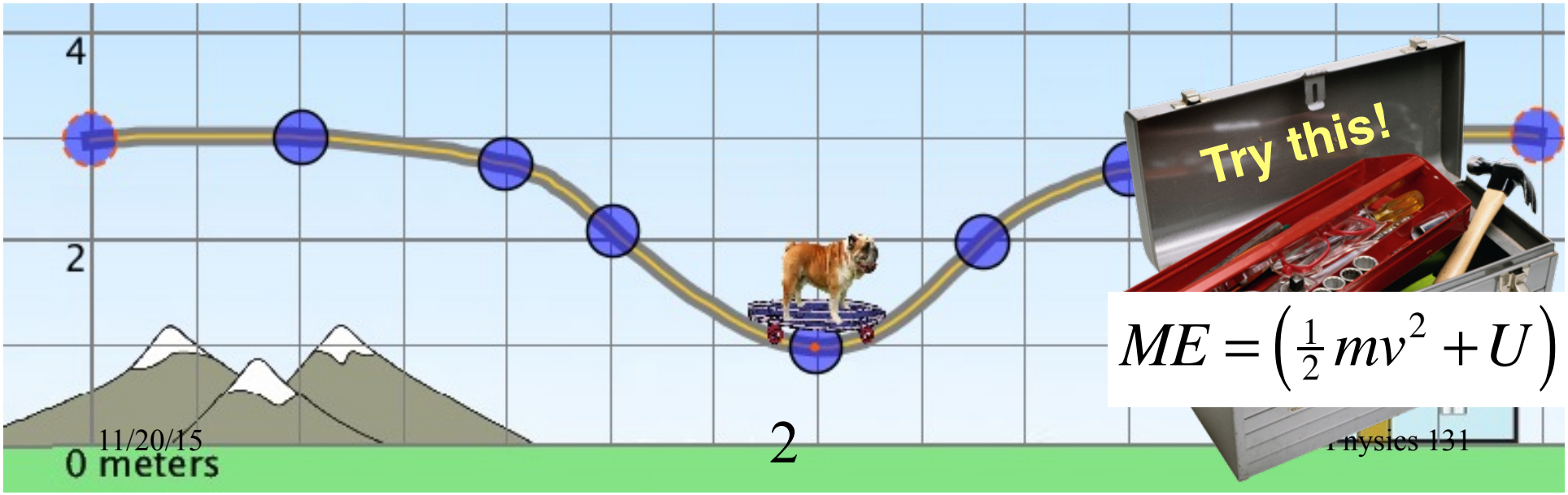
A bulldog on a skateboard is sitting at the bottom of a 2 m dip. How much KE do you have to give them so they will roll out of the dip? The bulldog and skateboard combined have a mass of 20 kg.
Friction and air drag can be ignored.

1. None
2. About 400 Joules
3. About 600 Joules
4. You can't tell from the information given.



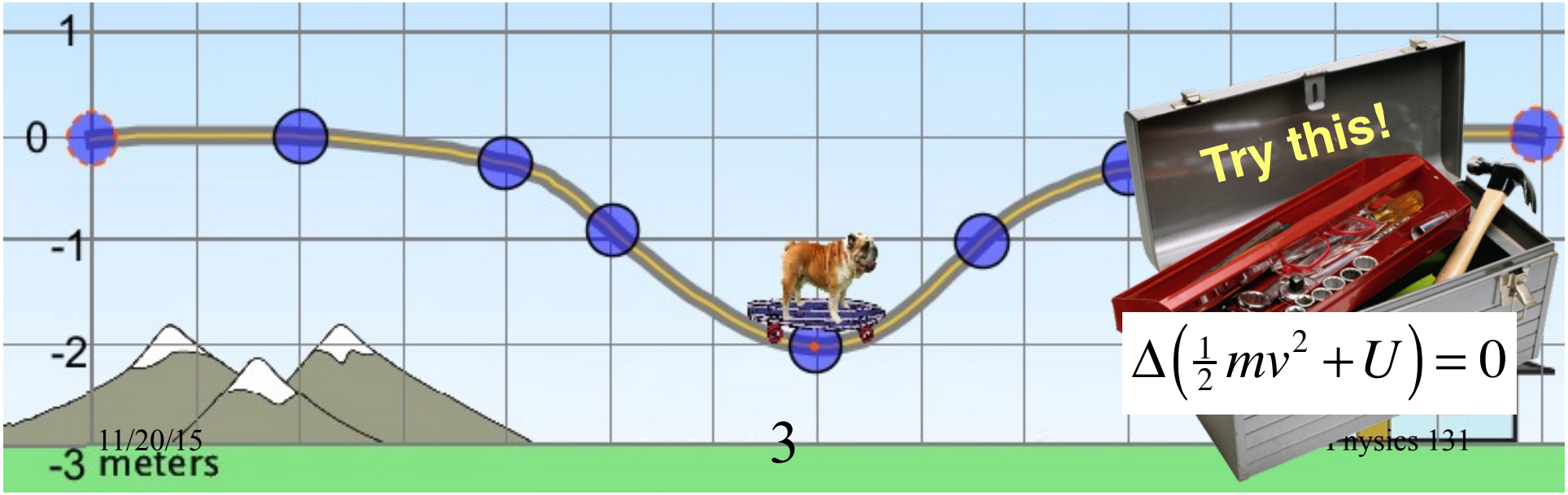
A bulldog on a skateboard is sitting at the bottom of a 2 m dip. What is their total mechanical energy? The bulldog and skateboard combined have a mass of 20 kg. Friction and air drag can be ignored.

1. Zero
2. About 400 Joules
3. About 200 Joules
4. You can't tell from the information given.



A bulldog on a skateboard is sitting at the bottom of a 2 m dip. How much KE do you have to give them so they will roll out of the dip? The bulldog and skateboard combined have a mass of 20 kg.
Friction and air drag can be ignored.

1. None
2. About 400 Joules
3. About 600 Joules
4. You can't tell from the information given.



A bulldog on a skateboard is sitting at the bottom of a 2 m dip. What is their total mechanical energy? The bulldog and skateboard combined have a mass of 20 kg. Friction and air drag can be ignored.

1. Zero
2. About 400 Joules
3. About -400 Joules
4. You can't tell from the information given.