

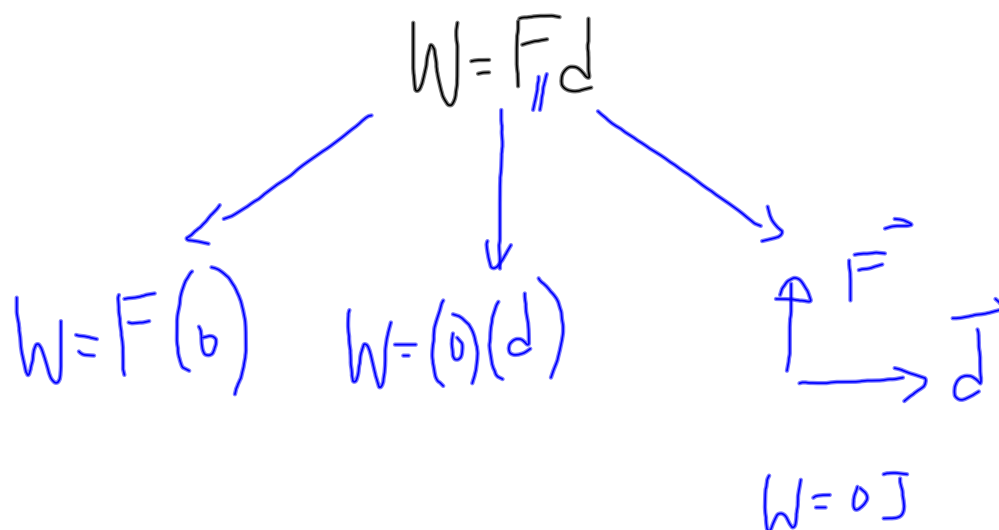
Tuesday, December 2/14
Physics 112/111

P3 1/2

-
1. Lab: The Explosion -> Due: Wednesday, Nov. 26/14
3 Days Late Today
 2. ICA - Marks
- Write at Lunch Today
 3. Page 221, PP #1-3
 4. Formative Assessment -> Three Cases: When No Work is Done
 5. Page 225, PP #4-10 } HW - P1
 6. Positive and Negative Work - P1
-
7. Types of Energy
 8. Kinetic Energy
 9. Work-Kinetic Energy Theorem - P3 Continue Tomorrow
-
10. Page 238, PP #19-21 } Kinetic Energy and Work-Kinetic Energy Theorem
Page 245, PP #22-25 }

Formative Assessment - Cases When No Work is Done
Tuesday: December 2/14

List the three cases when work is not done.



Formative Assessment - Is Work Being Done? Tuesday: December 2/14

A porter carries a piece of luggage by lifting it upwards at a constant speed then walking down the hallway to your room in the hotel in which you are staying.

- Does the porter do work on the luggage when lifting it? Explain.
- Does the porter do work on the luggage when carrying it down the hallway? Explain.
- Does the force of gravity do work on the luggage when it is lifted by the porter? Explain.

a) $W = F_{||} d$ $\vec{F} \uparrow \quad \vec{d} \uparrow$ ✓

b) $\vec{F} \uparrow \quad \vec{d} \rightarrow$ $F \perp d$ ✗
No work is done

c) $\vec{F} \downarrow \quad \vec{d} \uparrow$ Work is done. ✓