Physics—Work, Power, & Energy Pacl	ket Blizzard
Matching is used twice.	
1. How fast you can do work	A. Work
2. The actual movement of An object over a distance	B. Power
3. The ability to move an Object over a distance	C. Energy
4. Kory can run 10 miles.	
5. Kory ran 10 miles	
6. Kory ran 10 miles in 1 hour.	
Matching: each is used 3 times	
7. Compressed spring	A. Kinetic energy
8. Battery	B. Potential energy
9. Energy of motion	
10. Book on a shelf	
11. Leaf falling from a tree	
12. Driving home from school	
13. After this Physics quiz, a 75 Kg stude please show your work or explain yo	nt decides to jump off the nearest 20 m tall building. For each of the following our answer.
a) How much PE does the studer have relative to the ground?	PE =
b) KE at 20 m about ground (just	before they jump) =
c) PE at 10 m = H	dow does this answer compare to eart a? Why?

d) KE at 10 m =
e) PE when they hit the ground =
f) KE just before they hit =
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g) Where does the PE go as he falls?
h) Is the energy destroyed when they hit the ground? Explain
i) PE at 12 m =
j) KE at 12 m =
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k) His speed after falling 6 m =

1) Suppose the student drops his 18 N book instead. What is the PE of the book before he drops it?