Kinetic and Potential Energy Worksheet	Name
Classify the following as a type of potential energy or	kinetic energy (use the letters K or P)
1. A bicyclist pedaling up a hill	2. An archer with his bow drawn
3. A volleyball player spiking a ball	4. A baseball thrown to second base
5. The chemical bonds in sugar	6. The wind blowing through your hair
7. Walking down the street	8. Sitting in the top of a tree
9. A bowling ball rolling down the alley	10. A bowling ball sitting on the rack
What examples can you find in your home that are extype of energy)?	amples of kinetic and potential energy (name two for each
11. Kinetic:	
12. Kinetic:	
13. Potential:	
	and potential energy formulas (Be sure to show your work! ller coaster car that is moving with a speed of 20.0 m/s.
16. If the roller coaster car in the above problem new kinetic energy?	were moving with twice the speed, then what would be its
17. Missy Diwater, the former platform diver for 15,000 J just prior to hitting the bucket of water. I	the Ringling Brother's Circus had a kinetic energy of f Missy's mass is 50 kg, then what is her speed?
•	nstant speed along an inclined plane to the height of a seat- e height of the seat top is 0.45 meters, then what is the f the seat-top?
19. A 75-kg refrigerator is located on the 70 th floothe potential energy of the refrigerator?	or of a skyscraper (300 meters above the ground) What is
20. The potential energy of a 40-kg cannon ball is much potential energy?	s 14000 J. How high was the cannon ball to have this