Name:	/6
Chapter 7.3 Homework Conceptual Physics	Parent Signature:
<b>Reviewing Concepts</b>	
15. Why can't the output work for a answer. (1)	machine be greater than the input work? Explain your
16. Can a simple machine's efficience	cy ever be greater than 100%? Explain your answer. (1)
17. List two examples of ways to inc	crease efficiency in a machine. (1)
Solving Problems	
electrical energy is converted into lig	electrical energy every second. However, only 6-J of ght energy each second. (1) of the light bulb? Give your answer as a percentage.
b. What do you think ha	appens to the "lost" energy?
20. The work output is 300 J for a m	nachine that is 50% efficient. What is the work input? (1)
21. A machine is 75% efficient. If 20 output does it produce? (1)	00 J of work are put into the machine, how much work