## Physics Human Power Output

Name\_\_\_\_

in pounds, and divide by 2.2 trials up the stairs. Record	to get your mass in Kg, and I the change in height of the	I some stairs. Take your weight have someone clock you in four stairs. Take turns timing and be your own personal power
Change in height of stairs =	+/-	
Your Mass $=$ (in kg)	+/	
Times for running		
Best guess time and uncertain  1. Calculate your power outp limits your power calculation here:	ut. Use brute force to find th	
Work:	Work:	Work:
Lower Limit	Best Guess	Upper Limit

2. If you ran quickly, chances are your calculations are close to if not greater than 1 hp. (745.7 W) How is it possible for a human to put out this much power?