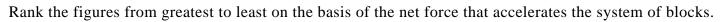
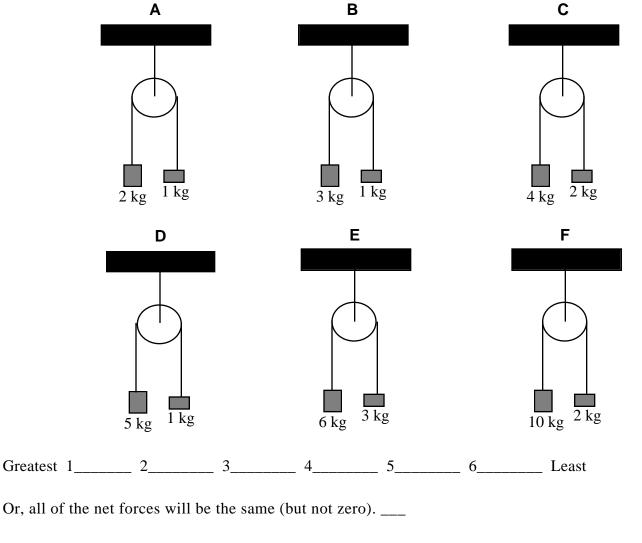
## Two Different Blocks and a Pulley—Net Force <sup>28</sup>

Each figure below shows two blocks hanging from the ends of a strong but massless string, which passes over a frictionless pulley. In each figure, the block on the left is more massive than the block on the right, so the block on the left accelerates down, and the block on the right accelerates up. The mass of each block is given in the figures.





Or, the net force is zero for all of these. \_\_\_\_\_ Please carefully explain your reasoning.

How sure were you of your ranking? (circle one)									
Basically Guessed				S	Sure	Very Sure			
1	2	3	4	5	6	7	8	9	10
			_						

<sup>28</sup> S. LoucksPhysics Ranking Tasks