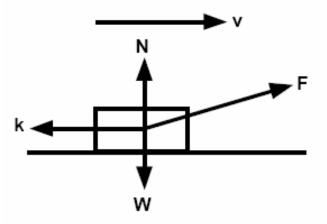
A person pulls a block across a rough horizontal surface at a **constant speed** by applying a force F. The arrows correctly indicate the directions, but not necessarily the magnitudes of the forces on the block.

Which of the following relations among the force magnitudes of W, k, N, and F **must be true**?



1. F = k and N = W

- 2. F > k and N < W
- 3. F = k and N > W
- 4. F > k and N = W
- 5. None of the above choices