1. Pictorial Representation	coordinate axes sketch of situation, labeled with symbols	List known quantities:
		List unknown quantities:

2. Physical Representation

____ describe the constraint:

____ force diagram for each object, listing agent for each force

____ net force points in direction of acceleration

3. Mathematical Representation

Apply Newton's second law in component form and solve. Avoid pluggin in numbers until necessary.

4. Evaluation

- ____ correct sign?
- ____ appropriate units?
- ____ reasonable magnitude?