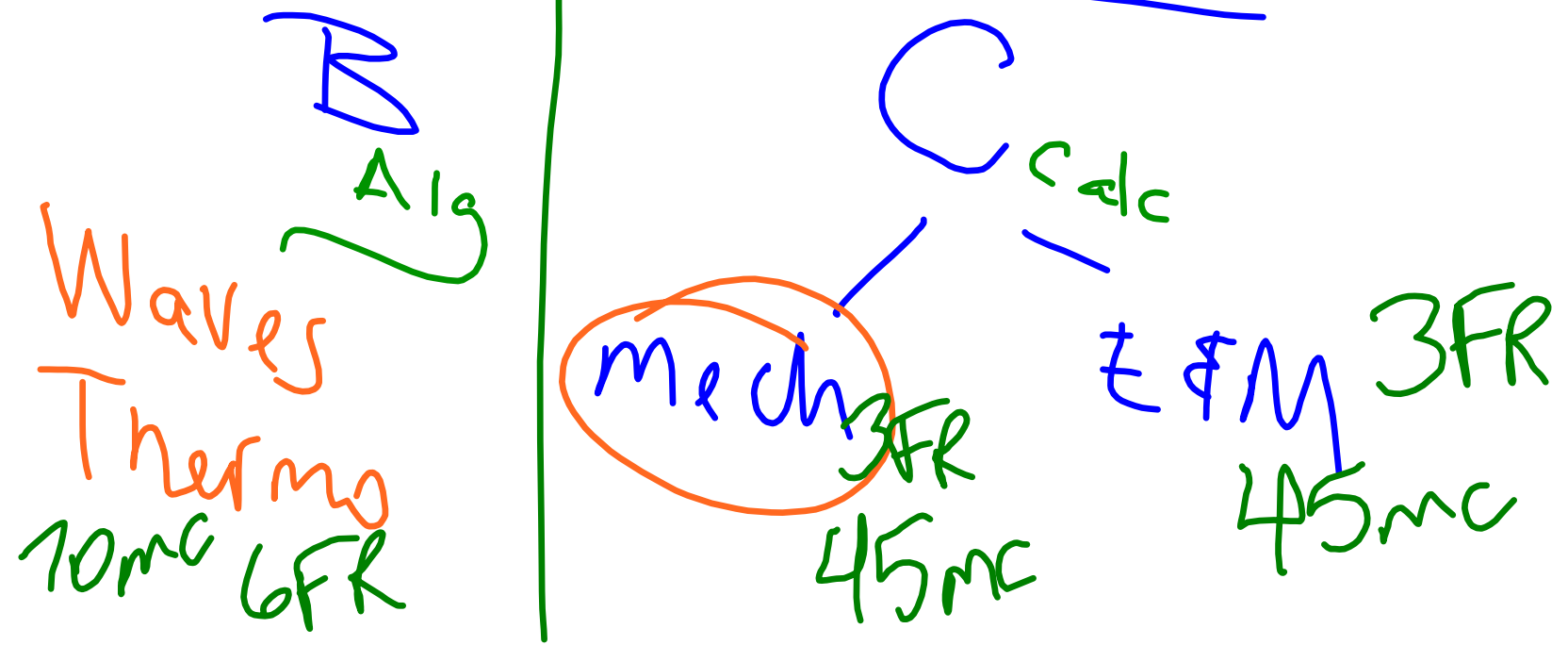


AP Physics Mon May 9



Context Area	JOP EXAMINATIONS	
	Physics B	Physics C
I. Newtonian Mechanics .....	35%	50%
A. Kinematics (including vectors, vector algebra, components of vectors, coordinate systems, displacement, velocity, and acceleration)	7%	9%
1. Motion in one dimension	✓	✓
2. Motion in two dimensions, including projectile motion	✓	✓
B. Newton's laws of motion (including friction and centripetal force)	9%	10%
1. Static equilibrium (first law)	✓	✓
2. Dynamics of a single particle (second law)	✓	✓
3. Systems of two or more bodies (third law)	✓	✓
C. Work, energy, power	5%	7%
1. Work and work-energy theorem	✓	✓
2. Conservative forces and potential energy	✓	✓
3. Conservation of energy	✓	✓
4. Power	✓	✓
D. Systems of particles, linear momentum	4%	6%
1. Center of mass		✓

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