

0. *The class will discuss the first two paradoxes on the list.*
1. Together with a partner, select one of the second two paradoxes on the list.
2. Choose either the lab frame or the rocket frame; your partner should choose the other.
3. Draw a spacetime diagram showing what you observe in your frame.
4. Compare your diagram to that of your partner. Do they describe the same physics? If not, try to arrive at a version you both agree with.
5. Explain your resolution to the instructor.
6. Repeat steps 2–4 with one of the other paradoxes.
7. Towards the end of the period, you may be asked to present your point of view to the class.

*Turn in a short (1 paragraph) description of your “paradox” and its resolution. Each member of a group should turn in their own description.*