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Framing the Questions: the Freshman Approach to Special Relativity ELAINE TENNANT, Blinn College, HAMILTON CARTER, Texas A&M University — Two inertial frames move at relativistic speeds with respect to one another. What does an observer in one of the frames see? This is often times the only question students answer in their freshman physics course. Could a more fundamental understanding of special relativity be instilled if a larger variety of insightful questions were asked? Examples of questions from a question pool designed to expose students to the many different aspects of special relativity during the freshman course will be presented along with anecdotal experiences related to our first deployment of the pool.

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