

1. Explain what is meant by an *operational* definition of a concept
2. How can disagreements between moving observers about time, length and simultaneity be reconciled with your everyday experience that these are absolutes.
3. Using the postulates of Special Relativity, explain why a moving light-clock ticks more slowly than a stationary light-clock according to a stationary observer.
4. Describe the twin paradox and explain why it is not actually a paradox of Special Relativity.