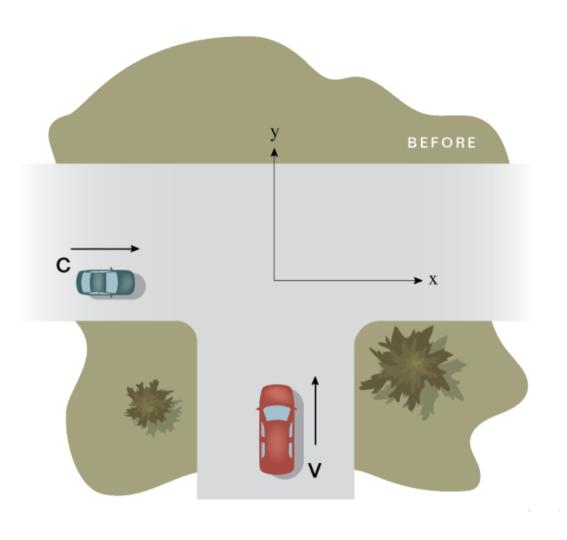
21-P-KM-GD-013



You have recently boughten a new-to-you red station wagon. It is your first vehicle so you are excited to take it out for a spin.

While approaching a T-intersection, you notice a blue-ish grey sedon speeding toward the intersection.

Your speedometer reads V, while you notice a speed warning sign flashing at the sedan, reading you

What is the magnitude of the speed of the sedan relative to your station wagon?



$$V_{c/v} = V_{c\hat{i}} - V_{v\hat{j}}$$

