

Name:

Partner:

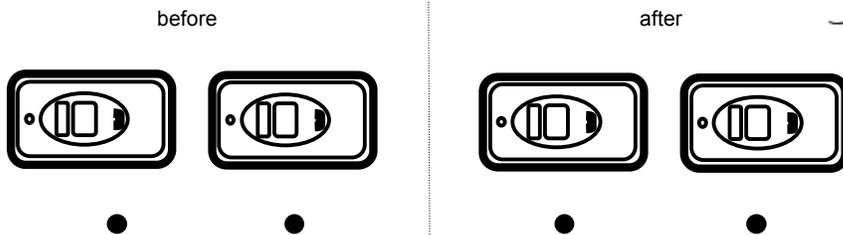
Teacher:

QUALITATIVE QUESTIONS

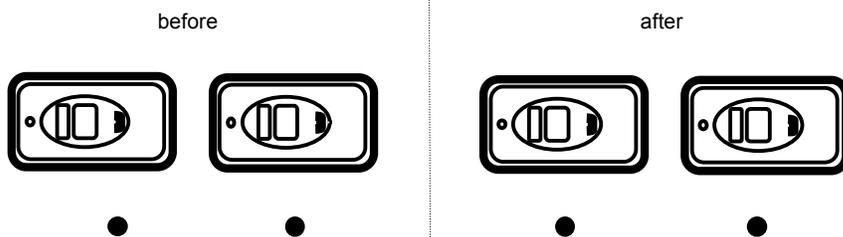
1. For each situation below, you will describe the velocity (direction and speed) of each car before and after a collision by drawing velocity vectors on the appropriate dots:



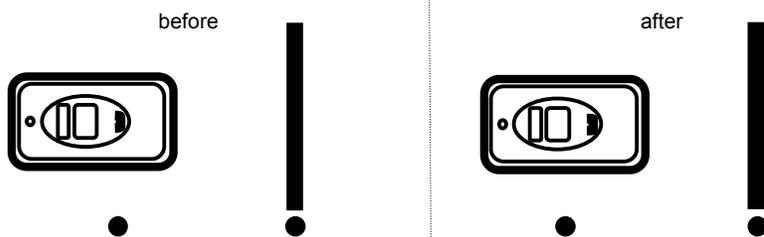
a. a fast car hits a car that is not moving.



b. a fast car rear-ends a slow car.



c. a car hits the wall.



2. When you drive forwards and collide with a stationary car, are you **pushed** out of your seat? Explain.

