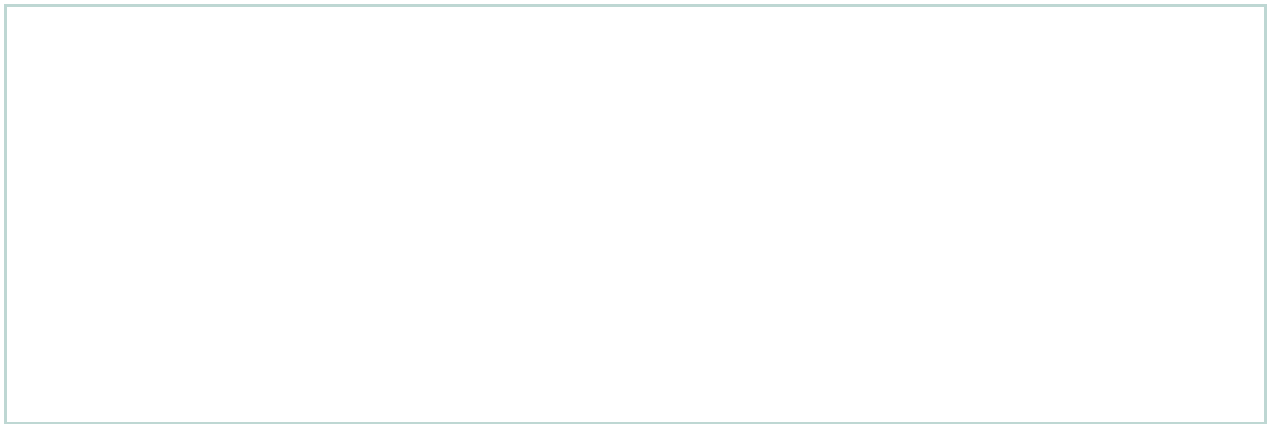


## DRAW AN INITIAL MODEL

### Instructions

1. The videos showed you what can occur during different kinds of crashes. Draw an initial model below of two cars crashing together. Include the following elements:
  - Arrows that show the direction of the different forces occurring at impact. Include these on both cars.
  - Label whether these forces are pushing, pulling, or both.
  - Describe whether the force after the collision is causing a change in speed, direction, or both.



### Reflect

2. Share your initial models with your group. Record the similarities and differences you notice among your group's models.

Similarities	Differences

### Driving Questions

3. After sharing your initial model, capture any questions you now have about how constraints aid in collisions. Be prepared to share these questions with the class.