

Name: _____

Date: _____

How do the forces on objects compare when they have different speeds?

Independent Variable:

Dependent Variable:

Controlled Variables:

Case	Left Cart (predicted)	Right Cart (predicted)	Left Cart (actual)	Right Cart (actual)
Left Cart Moves / Right Cart Held	a. Same force b. More force c. Less force	a. Same force b. More force c. Less force	a. Same force b. More force c. Less force	a. Same force b. More force c. Less force
Left Cart Moves / Right Cart Stopped But Free to Move	a. Same force b. More force c. Less force	a. Same force b. More force c. Less force	a. Same force b. More force c. Less force	a. Same force b. More force c. Less force
Both Carts Move	a. Same force b. More force c. Less force	a. Same force b. More force c. Less force	a. Same force b. More force c. Less force	a. Same force b. More force c. Less force