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| **Free-body Comic Strip of Friction for Fan Car** |
| **A — BEFORE fan is switched on** | **B - Fan turned on after 2 seconds of motion** | **C — Fan turned off** |
| Type of friction: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_No motion, speeding up, slowing down, or constant motion?\_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_ | Type of friction: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_No motion, speeding up, slowing down, or constant motion?\_\_\_\_\_\_\_\_ > \_\_\_\_\_\_\_\_ | Type of friction: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_No motion, speeding up, slowing down, or constant motion?\_\_\_\_\_\_\_\_ < \_\_\_\_\_\_\_\_  |
| **Free-body Comic Strip of Friction for Balloon Rocket** |
| **A – Before letting go of balloon** | **B – Balloon released** |  **C – Balloon hits stand**  |
| Type of friction: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_No motion, speeding up, slowing down, or constant motion?\_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_ | Type of friction: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_No motion, speeding up, slowing down, or constant motion?\_\_\_\_\_\_\_\_ > \_\_\_\_\_\_\_\_ | Type of friction: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_No motion, speeding up, slowing down, or constant motion?\_\_\_\_\_\_\_\_ < \_\_\_\_\_\_\_\_ |
| Write an explanation for the situation you were assigned using the following words. |
| * Gravity
* Contact
* Distance
 | * Counteract
* Cancel
* Reinforce
 | * Horizontal
* Vertical
* Static Friction
* Dynamic Friction
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