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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 |