1. Force
2. Mass
3. Position
4. Balanced
5. Motion
6. Please see table below.

|  |  |  |
| --- | --- | --- |
| **Scenario** | **Forces Involved** | **Results of the Actions** |
| Pushing a chair across carpet | Friction | The chair will move across the carpet. |
| Roller coaster going downhill | Gravity | The roller coaster will move toward Earth. |
| Iron fillings being lifter by a magnet | Magnetism | The iron fillings will be lifted toward the magnet. |