1. **Front Range Batholith Large igneous intrusion. Very mineral rich. Base rock is Granite**
2. **Pikes Peak Batholith- Large igneous intrusion. Very mineral rich. Base rock is Granite**
3. **Wet Mountains- Igneous Uplift. Normal Fault**
4. **Sangre DeChristos- Igneous Uplift. Normal Fault**
5. **San Luis Valley- Part of the Rio Grande Rift.**
6. **San Juan Volcanics- Lots of mineralization. Gold and Silver 30 mya**
7. **West Elk Volcano- 30 mya, 40,000 plus feet. HUGE MUD FLOWS**
8. **Sawatch Range- Large igneous intrusion. Batholith, TALLEST MTNS IN STATE ARE HERE**
9. **10 mile range-Batholith, mineral rich**
10. **Gore Range Large igneous intrusion, Batholith**
11. **Elkhead Volcanic, 20 mya 13 stratocones.**
12. **Sandwash Basin- Large ancient lake, natural gas deposits**
13. **Flat tops- Large fissure eruptions 20 mya**
14. **Pieance Basin- Huge ancient lake, bounded by large forests, deep lake. Now has WORLDS largest oil shale deposits**
15. **Grand Mesa- fissure flows, same age as flat tops. Once connected before Colorado river cut across**
16. **Uncompagrhe Plateua- sedimentarty uplift. Edge of Colorado Plateeu**
17. **17 North Park- part of rio grande rift**
18. **18. Middel Park part of rio grande rift**
19. **South Park part of rio grande rift**