

Types of Stress

1. Tension - pulling apart (divergent)
2. Compression - pushing together (convergent)
3. Shearing - sliding/cutting (transform)

Nov 2-11:45 AM

tension

<http://www.youtube.com/watch?v=tqJMHgbCwkk>

compression

http://www.youtube.com/watch?v=Uk_rZI9tOFc&feature=related

<http://www.youtube.com/watch?v=00I2uXDxbaE&NR=1>

<http://www.youtube.com/watch?v=AkB81u5IM3I>

<http://www.youtube.com/watch?v=90VyvOhPmA0&feature=related>

stress

<http://science.howstuffworks.com/nature/natural-disasters/earthquake3.htm>

Nov 1-8:49 AM

Compression



Nov 2-9:16 AM

FAULTS are fractures or breaks in the earth's crust along which movement has occurred

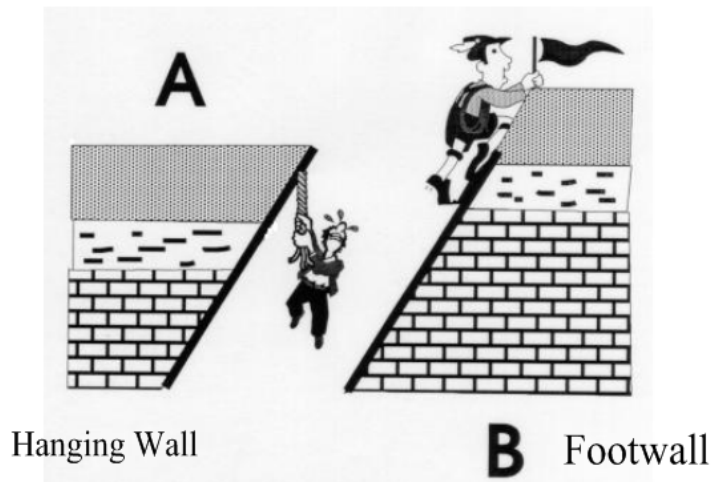
3 types

Normal

Reverse

Strike-Slip

Nov 2-9:02 AM



Nov 2-9:01 AM

Normal Fault

1. divergent
2. caused by tension
3. hanging wall slides below footwall

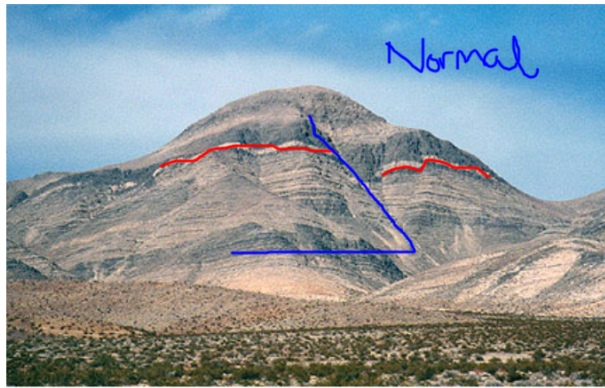


Reverse fault

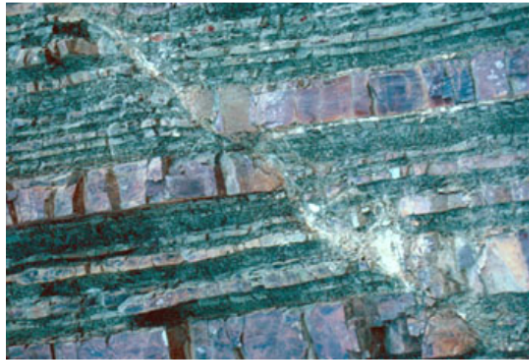
1. Convergent
2. Compression
3. footwall moves below hanging wall



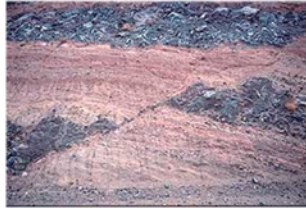
Nov 8-9:14 AM



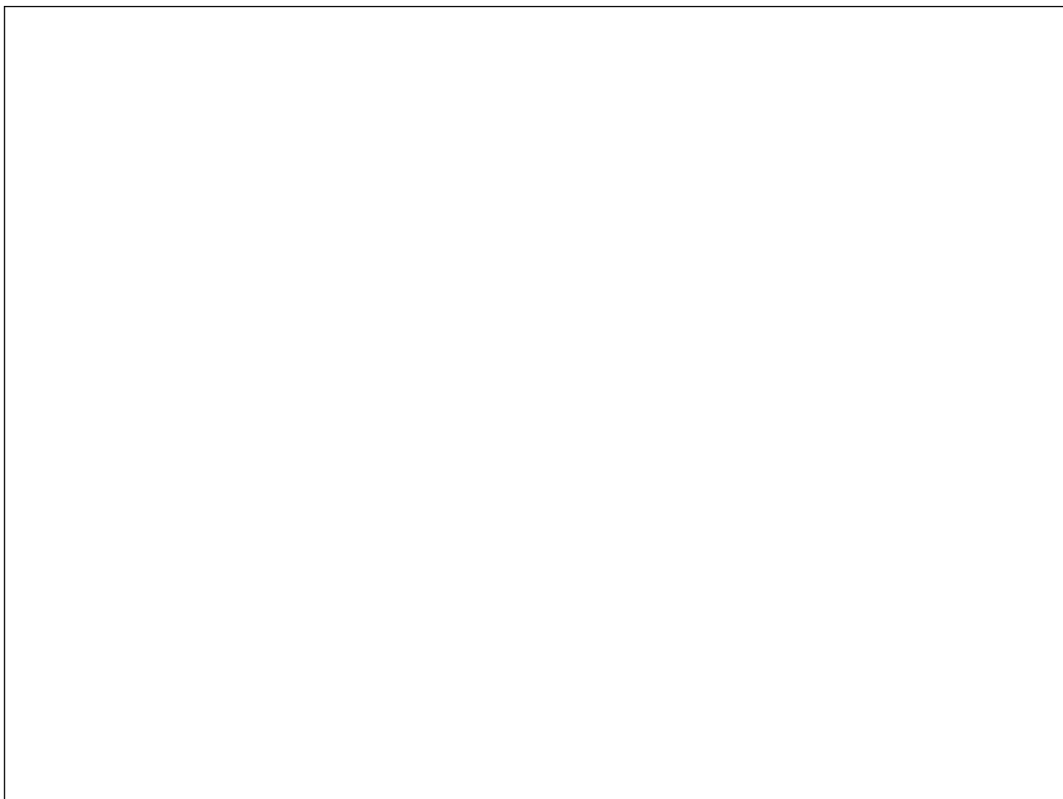
Nov 2-9:05 AM



Nov 2-9:08 AM



Nov 2-9:11 AM



Nov 8-9:17 AM