

Animation Worksheet: 2-3 Shift Valve, Light Throttle Downshift

Name: _____ **Date:** _____

1. While cruising at _____ miles per hour, governor pressure is moderate to high depending on road speed.
2. The moderate to high governor pressure at this speed is indicative of _____ gear operation.
3. Throttle pressure is low when sensing a _____ load condition.
4. To hold third gear, the 2-3 shift valve is positioned to the _____.
5. The 2-3 shift valve directs line pressure directly to the _____ clutch.
6. While in its default position, the intermediate valve allows the intermediate clutch to remain _____.
7. As mild acceleration begins, _____ pressure begins to rise.
8. Governor pressure increases slightly with road speed, but not enough to overpower the rising _____ pressure.
9. The pressure imbalance eventually causes the 2-3 shift valve to move to the _____.
10. When the 2-3 shift valve moves fully, the direct clutch feed is exhausted, dropping its pressure to _____ and completing the downshift.