

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

Name: _____ **Date:** _____

1. At a cruising speed of _____ MPH, the governor pressure is high due to speed.
2. Initially, throttle pressure is _____ due to partial throttle.
3. When the 2-3 shift valve is stroked to the right, the direct _____ port is open.
4. In the "Drive" position, no _____ pressure influences the intermediate valve.
5. At cruising speed, the governor pressure is greater than both the throttle pressure and the _____ pressure combined.
6. During hard acceleration, the throttle snaps open and the throttle pressure _____.
7. During hard acceleration, detent pressure moves the _____ valve to the left to initiate kickdown.
8. When combined with spring force, the spiked throttle pressure now overcomes _____ pressure.
9. As the 2-3 shift valve moves left, it disconnects the direct clutch from the _____ pressure.
10. The direct clutch feed from the main pressure circuit eventually drops to _____, causing the transmission to downshift.