

Animation Worksheet: Power Flow, Vntr 6 Speed

Name: _____ **Date:** _____

1. The mechanical assembly responsible for receiving the initial engine power into the transmission is called the _____.
2. When the vehicle is running but no specific gear is selected, the transmission is operating in _____.
3. To engage either First Gear or Second Gear, the transmission relies on the movement of the component labeled the _____ Synchronizer.
4. The internal shaft that runs parallel to the input shaft and carries the multiple speed gears is known as the _____ Shaft.
5. When shifting into Third Gear or Fourth Gear, the system engages the _____ Synchronizer to lock the chosen gear to the shaft.
6. The gear directly attached to the end of the input shaft assembly that helps drive the differential ring gear is named the _____ Gear.
7. The large, final gear that receives power from the main transmission assembly and transfers it into the differential is called the _____ Gear.
8. Shifting into the final two top gears, Fifth and Sixth Gear, requires the movement of the _____ Synchronizer.
9. While the Reverse Idler is explicitly noted as "Not Shown" in the diagram, the final unit that distributes power out to the vehicle's drive wheels is labeled the _____.
10. The system component colored bright orange on the far right of the diagram, responsible for providing the highest forward gear ratio, is the _____ Speed Gear.