

Answer Key

1. **False** – The boom is offset on most excavators, not centered.
2. **True** – Grade control systems are common on modern excavators.
3. **True** – Wheel loaders steer via articulation at the center joint.
4. **True** – Bucket capacity is measured in cubic yards/meters.
5. **True** – Tracks distribute weight for better flotation.
6. **False** – Rippers are used for soil, rock, clay, frost, and more—not just asphalt.
7. **True** – GPS machine control can finish grade without staking.
8. **True** – Longer boom = lower lifting capacity.
9. **True** – Counterweights improve stability and lifting ability.
10. **False** – Cab sizes vary widely between classes, brands, and models.