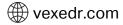




Curriculum Pre/Post Test Unit 9

- 1. Friction is a _____ force.
- A. Applied
- B. Constant
- C. Linear
- D. Reaction
- 2. What type of friction is the force between two moving surfaces?
- A. Static
- B. Dynamic
- C. Kinematic
- D. Kinetic
- 3. What term is used to describe the grippyness of two surfaces sliding against each other?
- A. Static Friction
- B. Dynamic Friction
- C. Coefficient of Friction
- D. Normal Friction
- 4. The ______ force is always perpendicular to the two sliding surfaces.
- A. Friction
- B. Normal
- C. Gravitational
- D. Traction
- 5. _____ is the amount of force a wheel can apply to a surface before it slips.
- A. Normal Force
- B. Applied Force
- C. Traction
- D. Torque
- 6. One way to increase traction is to _____.
- A. Increase the weight
- B. Decrease the weight
- C. Increase the torque
- D. Decrease the torque









- 7. Another name for a skid steer drivetrain is _____.
- A. Arcade
- B. Tank
- C. Swerve
- D. Omni-directional
- 8. What kind of drivetrain can move in any direction by steering its wheels?
- A. Tank
- B. Arcade
- C. Swerve
- D. Omni-directional
- 9. What kind of drivetrain design is best for turning?
- A. Short and Wide
- B. Long and Narrow
- C. Short and Narrow
- D. Long and Wide

10. How do you calculate the Circumference of a wheel?

- A. Radius/2 x Pi
- B. Diameter x 2 x Pi
- C. Radius x Pi
- D. Diameter x Pi



