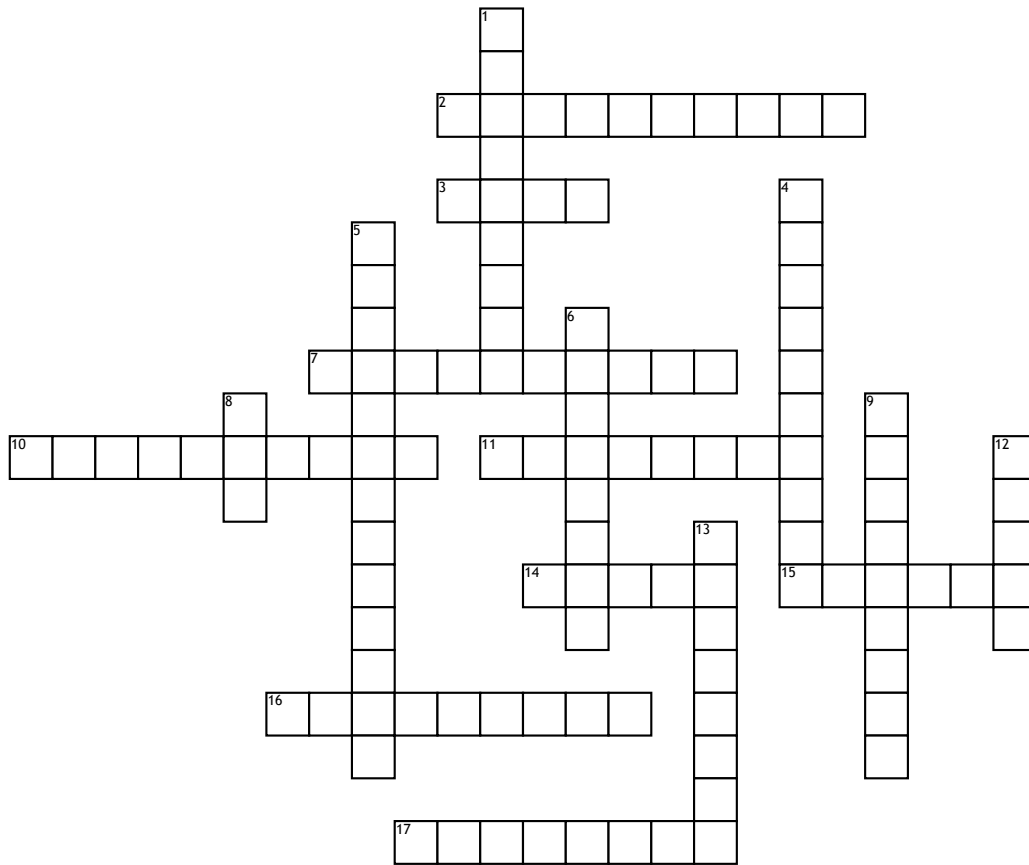


# Mech Camp



## Across

2. A mechanical component known as wheels or treads  
 3. How gears interlock with each other  
 7. A group that is composed of a motor, transmission driveshaft, axles and final drive  
 10. is the unit in which power is measured  
 11. the "slop" or spacing between gear teeth  
 14. The product of torque and rotational speed

15. Turning force applied to an object  
 16. The rotation of a gear moving the same as an analog clock (or opposite)  
 17. The direction in which an object is turning

## Down

1. A group consisting of driveshaft and final drive  
 4. A mechanical component usually an axle  
 5. Changing connecting gears to decrease (increase) speed between two or more gears

6. When two or more surfaces make contact of slide against each other  
 8. Revolution per minute, measurement of rotations per minute  
 9. The times a gear turns related to the gear next to it  
 12. How fast an object is moving or traveling  
 13. The maximum frictional force that can be produced between two surfaces before they slip

## Word Bank

Power	Drivetrain	RPM	Rotation	Horse Power
Gear Reduction	Friction	Backlash	Mesh	Traction
Clockwise	Speed	Gear Ratio	Driveline	Torque
Driveshaft	Final Drive			