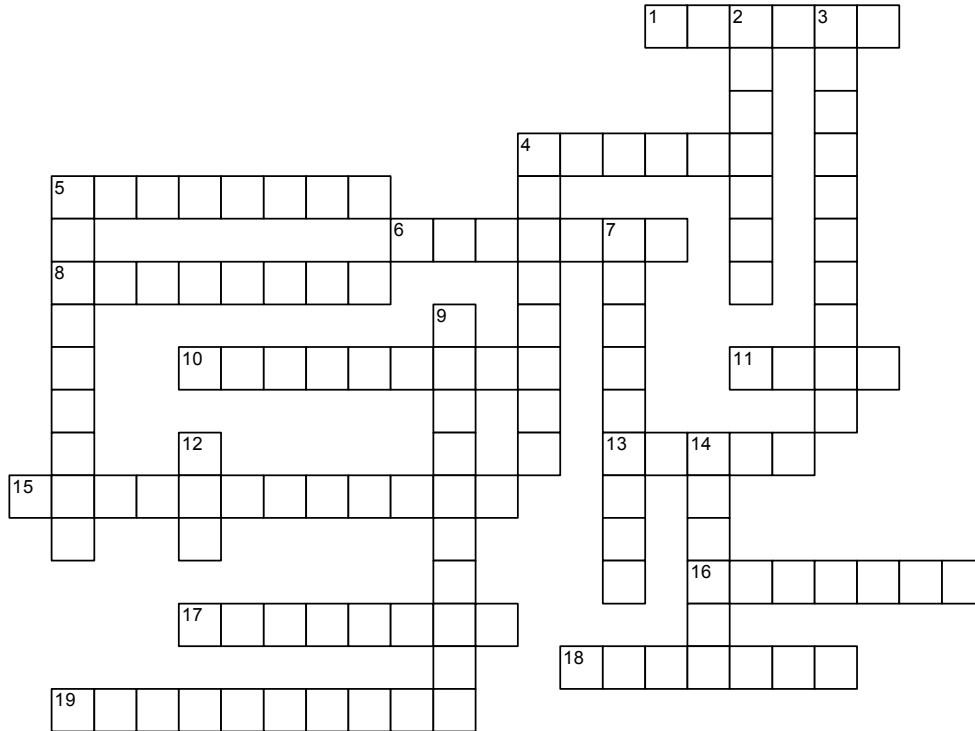


Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

## Camshaft and Valve Train Service



### Across

- 1 Used for checking camshaft straightness
- 4 Another name for cam follower
- 5 Measure of the hardness of a material
- 6 It is impossible to do this to a heat-treated pushrod
- 8 Turns at one-half the speed of the crankshaft
- 10 Type of hardening done on steel camshafts
- 11 Distance the valve is raised off the seat
- 13 ABDC: \_\_\_\_\_ bottom dead center
- 15 Type of engine that will not bend the valves if the timing belt breaks
- 16 Should rotate with the lifter during engine operation
- 17 Camshaft timing slightly ahead of crankshaft timing
- 18 Another word for cam lobe shape
- 19 High engine speeds can result in this

### Down

- 2 New \_\_\_\_\_ should always be installed with a new camshaft
- 3 Valve timing is measured in degrees of \_\_\_\_\_ rotation
- 4 Supports the camshaft in the block
- 5 Lever used to operate the valve
- 7 The space between two parts is known as \_\_\_\_\_
- 9 Should be replaced every 60,000 miles
- 12 All cylinders fire in \_\_\_\_\_ revolutions of the crankshaft
- 14 Another name for lifter