

## Animation Worksheet: Valve Seals

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

1. The intake valve is responsible for allowing \_\_\_\_\_ and fuel to enter the combustion chamber.
2. Valve seals are used to control the amount of \_\_\_\_\_ that lubricates the valve stems.
3. Without functional seals, too much oil could enter the \_\_\_\_\_.
4. Excessive oil entering the chamber leads to oil \_\_\_\_\_ and smoke from the exhaust.
5. A failure in the valve seals can also cause \_\_\_\_\_ buildup on engine components.
6. Excess oil burning results in increased \_\_\_\_\_, including unburned hydrocarbons.
7. Proper valve sealing is critical for keeping vehicle emissions within \_\_\_\_\_ limits.
8. If oil coats the \_\_\_\_\_, it can lead to engine misfires.
9. Oil contamination in the combustion chamber can result in poor engine \_\_\_\_\_.
10. Worn valve seals can also cause \_\_\_\_\_ when trying to start the engine.