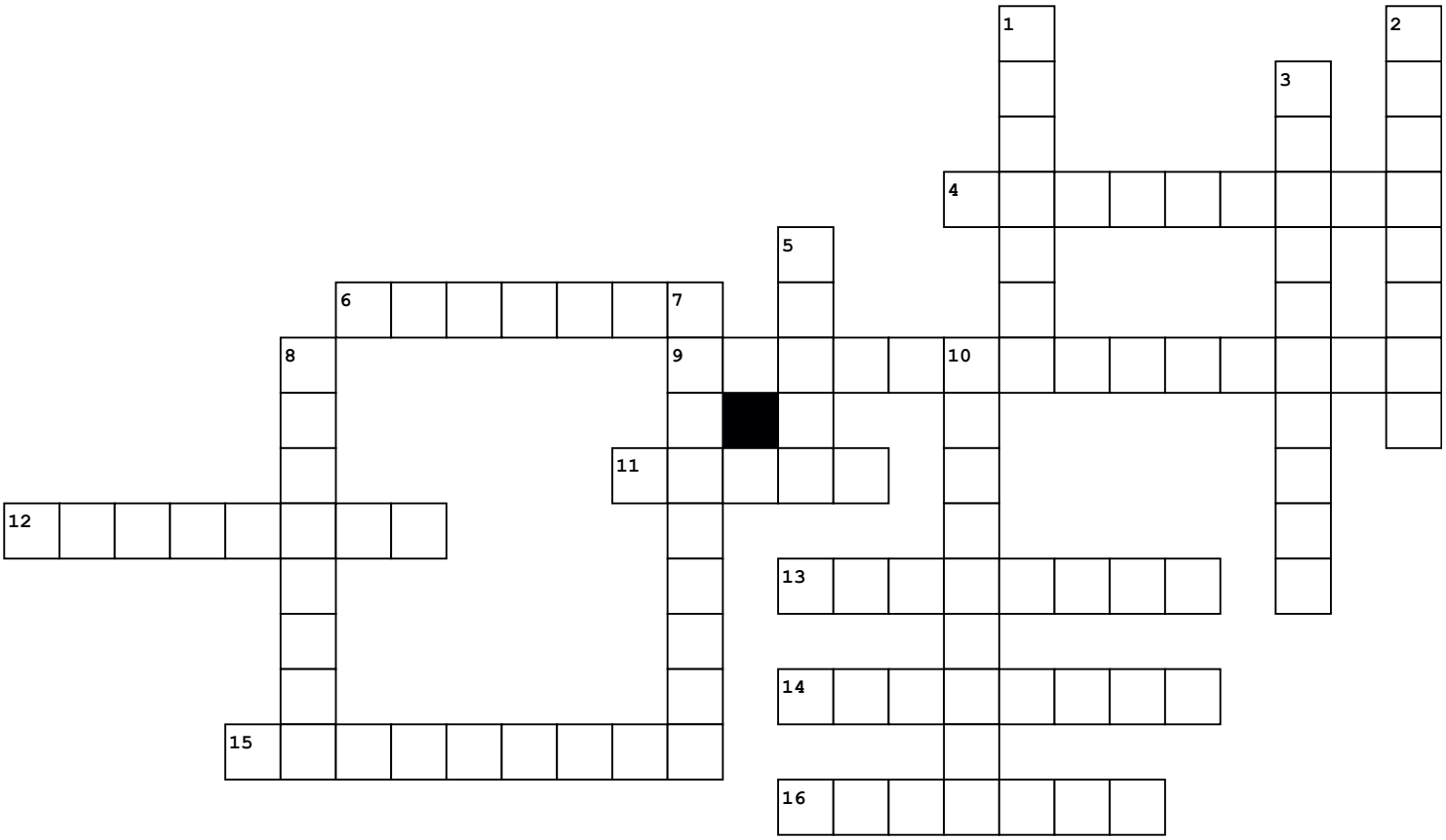
The Crude Oil Refinery - Conversion



Across

4. To find the problem the mechanic had to _____ the engine of my car.

6. Change the oil in your car regularly, so you don't get a _____ damaging deposits in the engine.

9. The only conversion unit that combines hydrocarbon molecules.

11. out The mechanical team must _____ regular inspections of the equipment to ensure the refinery operates safely and effectively.

12. This occurs before maintenance is performed on the heavy equipment at a refinery.

13. This material controls which reactions occur, helps a chemical reaction to go more quickly or occur at a lower temperature.

14. A hydrocarbon molecule that has five or more carbon atoms.

15. Ring chain hydrocarbon molecules with 5 or more carbon atoms.

16. Has end products of gasoline and petrochemicals.

Down

1. After ten years and much use, my favorite t-shirt had many holes.

2. The conversion process in a refinery _____ low value hydrocarbons _____ high value ones.

3. He rides his bicycle everywhere because his car is _____.

5. The conversion unit that only uses heat to break long chains into shorter ones.

7. Straight chain hydrocarbons with five or more carbon atoms.

8. The presence of hydrogen is a necessary component of this conversion process.

10. The longest type of hydrocarbon molecule found at the refinery.