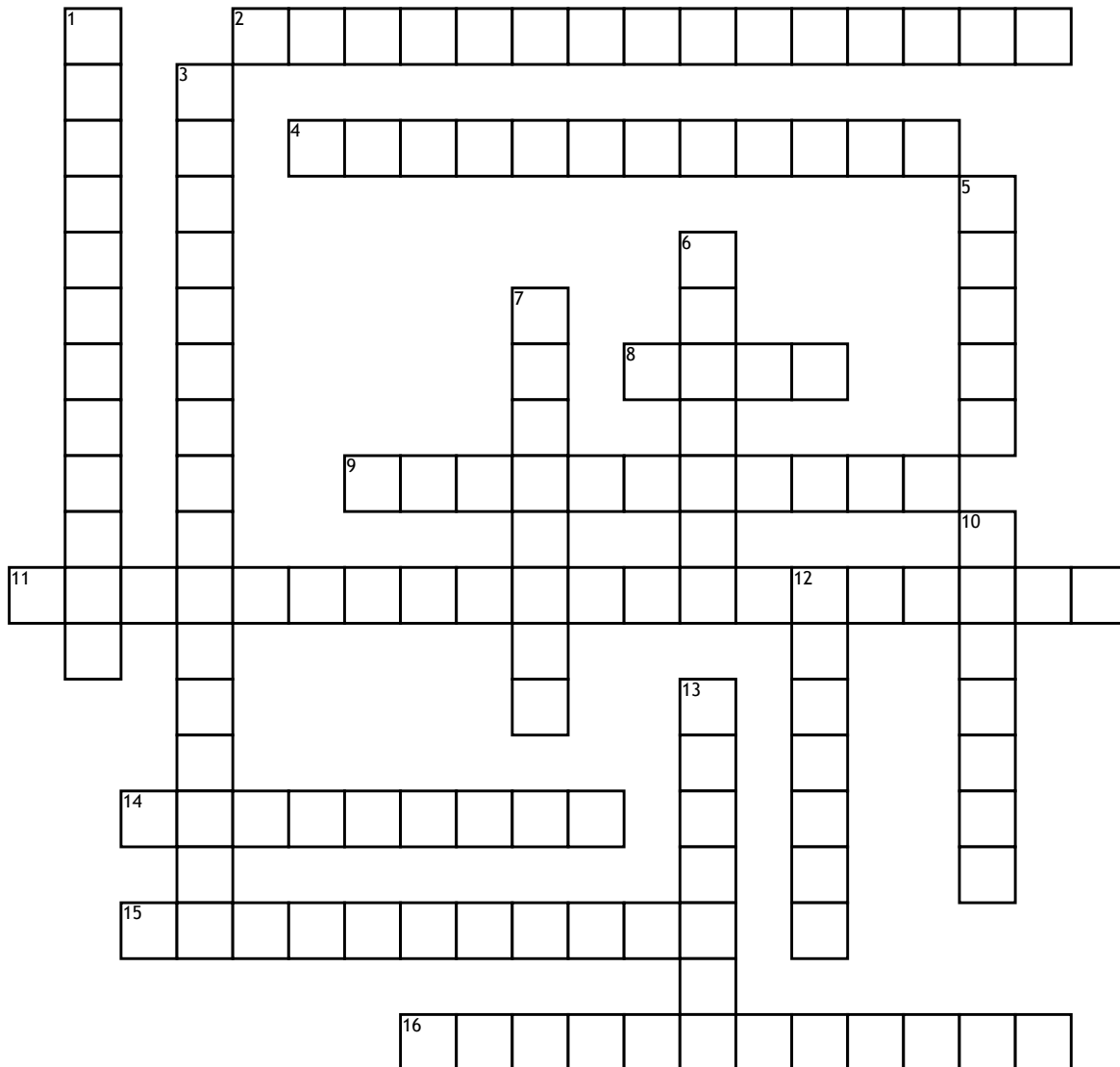


Name: _____

Date: _____

Biochemistry II - final exam review



Across

2. Key regulatory enzyme of cholesterol synthesis

4. What is the corresponding alpha ketoacid to aspartate

8. Overproduction of the product of xanthine oxidase can result in this condition.

9. This enzyme removes an amino group from glutamine

11. Cellular location of MEOS

14. Product of fatty acid synthesis

15. This pathway is stimulated by increased fat burning and a glucagon response in the liver

16. This intermediate of ethanol metabolism is 30x's more toxic than ethanol

Down

1. Free base from purine degradation that inhibits the committed step of purine de novo synthesis

3. Methyl donor for both purines and thymidine synthesis

5. Product of the irreversible oxidative steps of pentose phosphate pathway

6. _____ monophosphate is the "parent purine"

7. Common base in the degradation of purine nucleotides

10. Product of gluconeogenesis

12. A hormone that strongly inhibits lipolysis

13. Cellular location of glycogenolysis