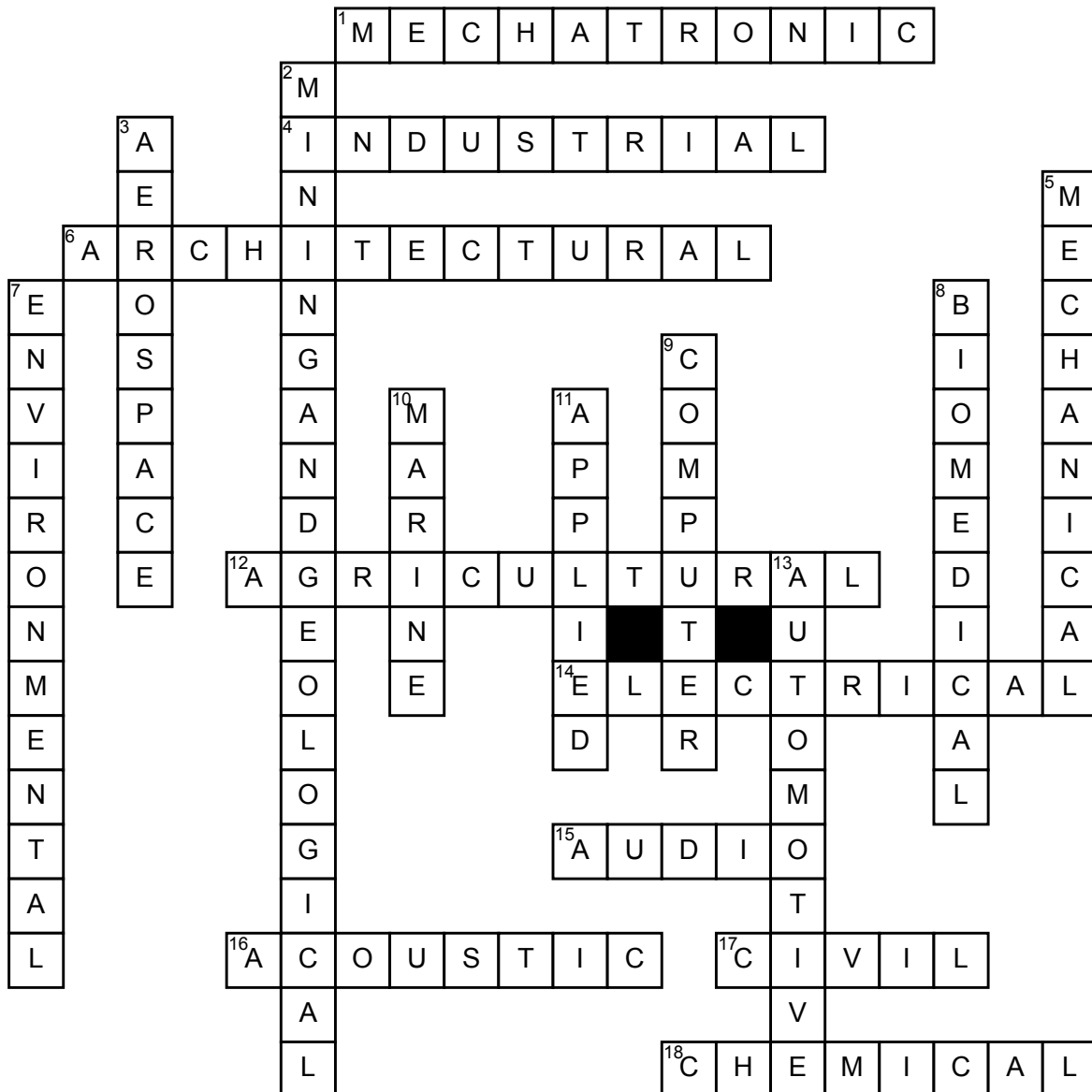


Name: _____

Date: _____

Engineering Careers



Across

1. which branch of engineering that combines mechanical and electrical engineering and computer science?
4. Which branch deals with the optimization of complex processes, systems or organizations?
6. Which branch deals with the application of engineering principles and technology to building design and construction?
12. What is the branch of engineering deals with the design of agricultural machinery?
14. What field of engineering generally deals with the study and application of electricity, electronics, and electromagnetism.
15. Which branch works on the recording, manipulation using equalization and electronic effects, mixing, reproduction, and reinforcement of sound.
16. What is the branch of engineering dealing with sound and vibration?

17. Which branch of engineering deals with the built environment?

18. What engineering branch deals with proper use chemicals, materials and energy.

Down

2. Which branch surveys land and collects soil and mineral samples to ensure that mines are constructed in areas that are economically beneficial?
3. What is the primary field of engineering concerned with the development of aircraft and spacecraft.
5. Which branch of engineering concerned primarily with the industrial application of mechanics and with the production of tools, machinery, and their products?
7. Which branch deals with the application of engineering principles to improve and maintain the environment for the protection of human health and at-risk ecosystems?

8. Which branch deals with the application of engineering principles and design concepts to medicine and biology for healthcare purposes?

9. Which branch deals with the design and development of computer systems and other technological devices?

10. Which branch is concerned with the technical design of fixed and floating marine structures, such as oil platforms and offshore wind farms?

11. What is the field concerned with the application of management, design, and technical skills?

13. Which branch deals with mechanical engineering that concerns the design, development and manufacture of cars, trucks, motorcycles and other motor vehicles.