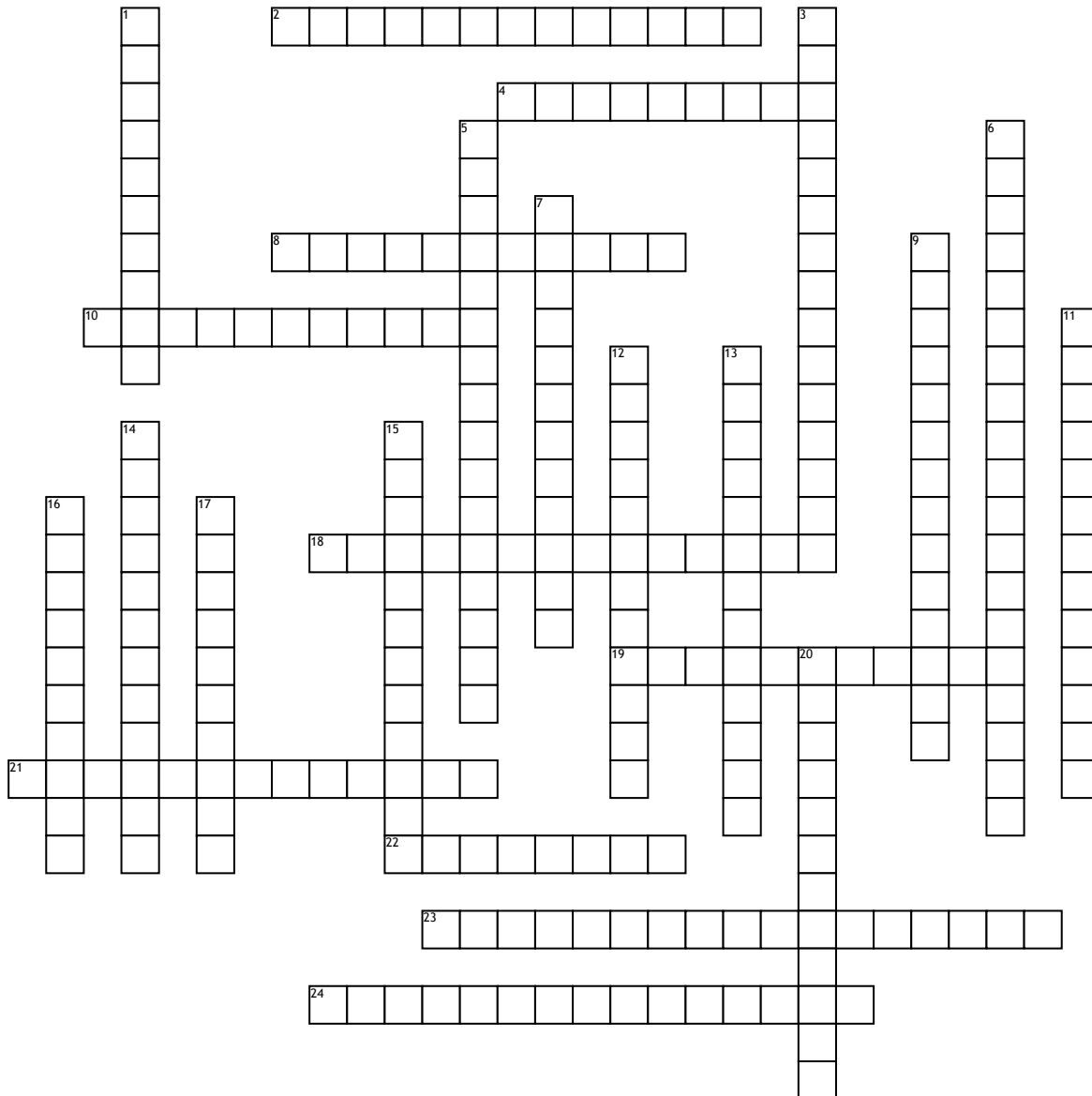


Chapter 22 Life in the Industrial Age



Across

2. discovered the connection between magnetism and electricity
4. in 1908 he announce, "I will build a motor car for the great multitude." He did it. Using mass-production methods in modern factories, this man built a line of affordable cars called the Model T.
8. credited with inventing the telegraph in 1837
10. a persons name that starts with a P that helped discover polonium and radium
18. developed the special theory of relativity; was a now famous for the formula $E=mc^2$
19. an artistic and literary movement at the beginning of the 1800s which rejected the rationalism of the Enlightenment in favor of emotion, intuition, and imagination
21. a brother with a name that starts with an o that succeeded in flying a powered airplane in sustained flight

22. a machine that sent messages instantly over wires
23. expressed the definition of poetry as "the spontaneous overflow of powerful feelings from emotions recollected in tranquility"
24. involved forcing air through molten metal to burn out carbon and other impurities that make metal brittle
- ## Down
1. a drug that reduces pain and in large doses makes the patient unconscious
3. celebrated human freedom in his work
5. used the discoveries to build a wireless telegraph, or radio
6. tried to create a way to send multiple telegraph messages at a time
7. showed the link between microbes and disease
9. by heating liquids and foods to high temperatures, this killed the the bacteria and prevented fermentation

11. a processes in which certain elements constantly break down and release energy
12. argued that an unconscious part of the mind contains thoughts of which one is unaware
13. studied variations among plants and animals
14. the growth in the proportion of people living in towns and cities
15. a brother with a name that starts with a w that succeeded in flying a powered airplane in sustained flight
16. a person with a name that starts with a M that helped discover polonium and radium
17. used dogs as research subjects to prove that animals could br conditioned, ot taught, to have certain reflex actions
20. developed the first usable and practible lightbulb