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Chapter 22 Life in the Industrial Age

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| **Across**  **2.** discovered the connection between magnitism 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.** credidted 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=mc2  **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 transquility"  **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 amoung 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 |