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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Industrial Revolution

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| **Across****2.** An American inventor who created the cotton gin **3.** He developed and manufactured the first automobile**9.** A British inventor who developed a successful wet spinning process for flax in 1824**10.** A glass bulb**15.** Best known for his contributions to the design of the modern alternating current**16.**  He invented the telegraph**18.**  A machine that quickly and easily separates cotton fibers from their seeds**20.** A powered flying vehicle with fixed wings and a weight greater than that of the air it displaces**21.** Created the electric light bulb and phonograph**22.** He was instrumental in bringing the Industrial Revolution to the U.S**23.** Patented the first practical sewing machine**24.** He invented the Kodak camera | **Down****1.** Invented coke smelting**4.** Invented and built the worlds first successful airplane **5.** created the Atlantic Telegraph Company and laid the first telegraph cable across the Atlantic Ocean in 1858**6.** One of the primary inventors of the telephone**7.** He built the first public inter-city railway line in the world to use steam locomotives**8.** He invented the diesel engine**11.** He invented a new process for building roads**12.** An engine that uses the expansion or rapid condensation of steam to generate power**13.** He invented the steamboat**14.** A Scottish inventor who invented the steam engine **17.** He funded the design and construction of some of the first factory houses for spinning machines during the American industrial revolution**19.** He was a co-developer of the Morse code |