Pillars of Culture:
50 People who Made America Great



Chapter 4 Activities

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Name: _____

Date: _____ Grade: _____





Great Inventors

Fill in the blanks, choose multiple choice, or answer true or false as indicated.

1. Alexander G. Bell was born in: _____.

   (a) England (b) Italy (c) Scotland (d) Ireland (e) Wales (f) America

2. ***Tuberculosis*** claimed the lives of Alexander's two _____.

3. Alexander learned about ***acoustics*** from his father, in-order-to help his blind mother. _____

   (a) True (b) False

4. ***Precocious*** has to do with being very: _____ at an early

   (a) compliant (b) contrary (c) combative (d) mature

   (e) intelligent (f) all of these (g) only a and b (h) only d and e

5. Based on the vignette, would you conclude that the ***environment*** in which Alexander grew up

   _____.

   (a) was hostile (b) ***facilitated*** ignorance (c) allowed him to become a serious student

6. Alexander's father challenged his son to learn about _____ and invent a "speaking machine".

7. Professor Henry challenged Alexander to acquire_____ skills in-order-to invent a "talking machine."

8. The first time a human voice was transmitted over wire occurred on _____.

9. Alexander G. Bell was 49 years old when he invented the telephone in 1876. _____

   (a) True (b) False

10. Bell's invention was featured at the _____in 1876,

    in_____, and changed the way the world communicated.

11. **Review**. Which five men were instrumental in inspiring or helping Bell develop, introduce, or improve the telephone? _____

    _____

12. What improvement(s) did Thomas Edison provide? _____.

    (a) He invented a computer chip (b) He invented a better wire

    (c) He invented a microphone (d) all of these (e) none of these

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13. Alexander Bell never married because he was devoted to helping his mother. _____

    (a) True (b) False

14. Alexander Bell faced legal _____ in 550 courts during an 18-year period before the US _____ acknowledged Bell as the inventor of the telephone.

15. **Review. Sequencing. Number the events below in Chronological Order:**

    ___ (a) Bell discovered that each sound had its own mathematical frequency

    ___ (b) Bell's brothers died in Scotland

    ___ (c) Bell learned acoustics from his father

    ___ (d) Bell exhibited his telephone in 1876

    ___ (e) Bell acquired mathematical skills

    ___ (f) Bell won court battles to prove that he invented the telephone

16. You can **Infer** that Bell realized his original goal of helping deaf people communicate. _____

    (a) True (b) False

17. **Write the Life Principle:** "_____

    _____."

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Name: _____

Date: _____ Grade: _____





Great Inventors

Fill in the blanks, choose multiple choice, or answer true or false as indicated.

1. Eli Whitney learned that _____ success stems from observing a _____ , working hard to fulfill it, and in so doing earning financial _____.

2. America's free enterprise system allows ***inquisitive*** and diligent people to achieve their dreams and gain wealth in the process. _____ (a) True (b) False

3. Eli Whitney's ***ingenuity*** and business skills earned him the title, "Inventor of Standardized Production." _____ (a) **Fact** (b) **Opinion**

4. As a teenager, what needs did Eli observe in his immediate surroundings that he decided to do something about? _____

   (a) households needed candles (b) farmers needed nails (c) horses needed shoes

   (d) women needed hairpins (e) only a and c (f) only b and d

5. Eli hungered for an education, and after graduating from _____ College, he became a _____ in Georgia.

6. His reputation for _____ and good _____ prompted Mrs. Greene to invite Eli to visit her Georgia plantation.

7. There, he learned that cotton _____ and their families or slaves had to ***extract*** the seeds from cotton _____ ***meticulously*** by hand.

8. Within a few days at the Greene plantation, Eli had developed the first cotton *gin*. In this **Context**, "gin" refers to _____. (a) an alcoholic drink (b) an engine (c) a card game

9. Whitney obtained a ***patent*** on his cotton gin in 1794. A *patent* is a: _____.

   (a) document that shows ownership (b) certificate of sale (c) license to do business

10. "….other men *pirated* his idea." In this **Context**, "pirated" has to do with_____.

    (a) pirate ships (b) supplying stolen goods (c) stealing concepts

11. Eli and his partner grew rich from his cotton gin patent. _____ (a) True (b) False

12. Before Eli broke from ***status quo*** manufacturing techniques regarding production of _____ , each weapon had to be made _____by _____.

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13. Eli Whitney developed a production system by which musket _____ could be ***standardized*** and ***interchangeable***.

14. _____ was impressed with Eli Whitney's production system, and granted a contract whereby thousands of _____ were produced in two years.

15. Whitney's concepts of mass production assembly lines set the stage for the _____ Revolution and US world leadership in manufacturing.

    (a) American (b) Industrial (c) Patent (d) French

16. Which would you NOT **Conclude** from the vignette about Eli Whitney? _____.

    (a) He was observant (b) He was creative and perseverant (c) He pirated patents

    (d) all of these (e) none of these (f) only a and b

17. **Write the Life Principle:** _____

    _____

    _____."

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Great Inventors

Fill in the blanks, choose multiple choice, or answer true or false as indicated.

1. Before the mid 1800s, people made clothing by hand-sewing garments with primitive needles, made from _____ and tiny animal _____.

2. Clothing was ***laboriously*** made from threads of wool and various plant fibers. _____

   (a) True (b) False

3. *Laborious* means something is_____.

   (a) elaborate (b) fascinating (c) easy (d) labor intensive

4. Elias' lame foot disability served to switch his interests from farming to machinery. _____

   (a) **Fact** (b) **Opinion**

5. A ***mechanical*** machine is one that is operated by _____.

   (a) electricity (b) physics (c) chemistry

6. Elias Howe became an ***apprentice*** in his father's _____ factory at age _____.

7. Within a short time, Elias had experiences with all EXCEPT _____.

   (a) roof shingles (b) exploration in woods (c) sketching

   (d) steam tractors (e) repairing clocks (f) surveying

8. Elias became curious about inventing a sewing machine after overhearing two men talking about inventing a machine that would sew, so people would not need to make garments by hand.

   _____ (a) **Fact** (b) **Inference**

9. The first sewing machines invented in Europe were considered to be too _____ to be practical. (a) expensive (b) elaborate (c) awkward

10. Most mechanical inventions were the result of people learning from the mistakes and achievements of other inventors. _____ (a) True (b) False

11. _____ motivated Howe to find a way to provide for the needs of his family.

12. Elias obtained ***venture capital*** to develop his first ***concept*** of a sewing machine by means of a _____ in 1845.

    (a) friend (b) bank loan (c) pawn shop (d) financial institution

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13. **Review. Sequencing. Number the events in Howe's life in Chronological Order:**

____ (a) Went to England to visit textile factories

____ (b) Sewed garments for free to expose his machine to Americans

____ (c) Obtained free housing and finances from a friend

____ (d) Sold his machine design to a British textile owner who proved to be dishonest

____ (e) Borrowed money to send his family back to America

____ (f) Elias worked as a mechanic while he built another mechanical sewing machine

14. ***Destitute*** means a person _____.

(a) is wealthy (b) has just enough money (c) is broke (d) is affluent

15. Isaac Singer and other entrepreneurs "_____" Howe's idea, but a judge ruled that Elias Howe was the actual _____ of the mechanical sewing machine.

16. Even though Howe was at one time destitute, he persevered and eventually earned more than $_____ per year from his invention.

17. The American _____industry ***escalated*** by 1900, as Howe's sewing machines appeared in thousands of homes.

(a) sewing machine (b) escalator (c) clothing

18. Elias Howe can be considered as a good example of the old adage, "If at first you don't succeed, try, try, try again". _____ (a) True (b) False

19. **Write the Life Principle:** "_____ _____."

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Great Inventors

Fill in the blanks, choose multiple choice, or answer true or false as indicated.

1. As a boy, Robert Fulton was ***inquisitive***, and interested in _____ devices and _____ engines.

2. You could **Conclude** that Robert Fulton was both ***inventive*** and good at drawing portraits._____

   (a) True (b) False

3. Robert traveled to _____ in order to paint portraits and learn about water craft and man-made waterways.

   (a) France (b) England (c) Germany (d) all of these (e) only a and b (f) only b and c

4. Fulton stood on the banks of the _____ River in _____and observed boats as they labored slowly up-river, and drifted easily down-river with the _____.

5. **Cause:** Fulton observed rivermen laboring against river currents, and (**Effect:**) went back to his house, and began to sketch: _____.

   (a) portraits (b) steam-powered boats (c) men poling their boats up river

6. His original sketches included ***vessels*** equipped with side-mounted _____, powered by a _____ engine.

7. Fulton believed that river commerce could be improved ***dramatically*** with use of ***mechanized*** _____. (a) oars (b) boats (c) paddle wheels

8. ***Mechanized*** means to be powered by:_____.

   (a) human effort (b) electricity (c) chemical means (d) machine

9. Because Fulton preferred mechanical boats, you could rightly **Infer** that he was a bit lazy. _____

   (a) True (b) False

10. The first ***spectators*** and financial supporters to observe Fulton's steam-powered *Clermont* were confident that his steam-powered ***craft*** would be ***efficient*** and successful. _____

    (a) True (b) False

11. After the hoots and ***catcalls*** died down, the *Clermont* successfully traveled _____ (of) the way up the Hudson River and returned on August 17, 1807.

    (a) one-third (b) two-thirds (c) one half (d) all

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12. You could **Conclude** from Robert Fulton's experiences that you should_____.

    (a) paint portraits and design boats (b) give in to peer pressure

    (c) implement your dreams in spite of criticism (d) none of these

13. What was (were) the **Effect(s)** of Robert Fulton's successful demonstration with the *Clermont*?

    _____

    (a) It discouraged development of steam-powered boats.

    (b) It encouraged other entrepreneurs.

    (c) It neutralized interest in steam-powered boats.

    (d) It helped pave the way for improving ***commercial*** travel

    (e) all of these

    (f) only a and c

    (g) only b and d

14. Fulton's insight, initiative, and creativity enabled him to produce results because of America's free enterprise (capitalistic) economic system. _____ (a) **Fact** (b) **Inference**

15. **Write the Life Principle:** "_____

    _____

    _____

    _____."

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Great Inventors

Fill in the blanks, choose multiple choice, or answer true or false as indicated.

1. As a boy, Thomas Edison was hyper-active, easily _____, and difficult to _____.

2. **Cause:** Thomas was a problem child at _____, so (**Effect:**) his _____ decided to homeschool him.

3. Thomas Edison was a ***voracious*** reader and ***independent*** learner through books. In **Context**, this means that he_____ .

   (a) had a huge appetite for book learning (b) had a huge dislike of reading

   (c) was excessively "turned-off" by books (d) none of these

4. He had a ***Compulsion*** to take things apart to see how they worked. *Compulsion* has to do with _____.

   (a) boldness (b) intuition (c) a driving need (d) awkwardness

5. You can **Conclude** that Thomas Edison did not like challenges to solve difficult problems.

   _____ (a) True (b) False

6. Thomas Edison established a ***laboratory*** in _____ in 1870.

   (a) New York (b) New Brunswick (c) New Castle (d) New Jersey

7. Thomas Edison communicated with his fiancée by _____when in the presence of her parents.

   (a) sign language (b) Morse Code (c) Navy Code (d) foot taps

8. Edison is best known for which of the following inventions? _____

   (a) the ***incandescent*** light bulb (1880) (b) motion picture projector (1897)

   (c) the phonograph (1877) (d) all of these

   (e) only b and c

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9. During his lifetime, Edison filed 1,093 patents. In this **Context**, *filed* means that he _____.

   (a) filed his patents in a drawer

   (b) trimmed his patents with a file

   (c) filed applications for his inventions in the US patent Office

   (d) none of these

10. Thomas Edison, "The Wizard of Menlo Park", New Jersey, is considered to be the greatest American _____.

11. Edison developed more efficient **storage batteries** for_____.

   (a) Elias Howe (b) Robert Fulton (c) Henry Ford (d) Eli Whitney

12. Other inventions by Edison were used to detect submarines during _____

   (a) WWI (b) Vietnam (c) WWII (d) Korean War

13. The Edison ***Illuminating*** Company, founded by Edison in the year _____, was responsible for producing electricity for _____ street lights.

14. You could **Conclude** from Thomas Edison's example that a successful businessman should ***diversify*** his investments. _____ (a) True (b) False

15. In time, Edison's Company became known as _____ .

16. Edison's achievements as a businessman created thousands of _____ for other people.

   (a) dollars (b) problems (c) jobs (d) lawsuits

17. The main thing Edison's inventions were good for was illuminating city streets across America.

   _____ (a) True (b) False

18. The **Main Idea(s)** in the vignette about Thomas Edison is/are that _____.

   (a) a self-educated person can accomplish much (b) free enterprise works

   (c) energetic entrepreneurs can create jobs for others (d) all of these

   (e) only a and b

19. **Write the Life Principle:** "_____

   _____."

Score your activities. Correct errors. Review this section. Request your section quiz. Remember: you may be exempt from the chapter test if you score 85% or higher on both section quizzes.

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Name: _____

Date: _____ Grade: _____





Industrial Giants

Fill in the blanks, choose multiple choice, or answer true or false as indicated.

1. At age 16, Henry Ford walked several miles to Detroit to become an apprentice machinist at a _____ factory.
2. In 1893, Henry Ford began working for Thomas Edison. _____ (a) True (b) False
3. Henry Ford was acclaimed as the man who: _____.
   (a) put wheels on sleds (b) put America on wheels (c) put America on roads
4. ***Pedestrians*** were amused with the Quadricycle, but thought it was too noisy and impractical.
   _____ (a) True (b) false
5. Who encouraged Henry Ford to improve his design for the Quadricycle?_____
   (a) Robert Fulton (b) Alexander Bell (c) Thomas Edison (d) Eli Whitney
6. ***Implementing*** means: _____
   (a) competing (b) putting into action (c) putting aside (d) jumping ahead
7. In the first year of production of Ford Model T cars, the Ford factory produced about twelve cars per day, but by 1918, almost half the cars on American roads were Model Ts . This represents a _____. (a) **Contrast** (difference) (b) **Comparison** (similarity)
8. Judging from information in the vignette, you could **Conclude** that the **Effect** of an increase in production of vehicles in America was due to (**Cause:**) the ingenuity, energy, and insight into assembly line production streamlined by Henry Ford.
   _____ (a) True (b) False
9. Henry Ford was the smartest automobile manufacturer in the world. _____
   (a) **Fact** (b) **Opinion**
10. Henry Ford produced more than 15,500 Model T Fords at a fourth of the cost of his ***competitors***.
    _____ (a) **Fact** (b) **Inference**
11. Competitors and their ***shareholders*** were extremely glad that Henry Ford could produce cars economically and efficiently. _____ (a) True (b) False

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12. What tactics did Ford's foes use to try to shut down his factory? _____.

    (a) They tried to cut off his raw materials supply
    (b) They vandalized his property
    (c) They stirred up strife among competitors
    (d) They tried to burn him out
    (e) They stirred up strife among his employees
    (f) All of these
    (g) only a, c, and e
    (h) only a, b, and d

13. **Cause:** After a series of_____ where the judge ruled in his favor, (**Effect:**) Ford's business began to ***flourish***.

14. **Effect:** Ford put thousands of people to work. **Cause:** He kept _____ down and produced affordable cars.

15. Improvements on the Ford automobile allowed Ford Motor Company to produce several _____ Model A Fords.

16. The effect of production of affordable vehicles was that thousands of jobs were created as other entrepreneurs produced such items as seat _____, windshields, headlights, _____, transmissions and _____.

17. In order to supply his factories, Henry Ford purchased ore mines and ships to deliver materials.

    _____ (a) True (b) False

18. Ford established _____ for employees so they could learn to ***calculate*** complex _____ ***equations***.

19. Henry Ford's manufacturing efficiency forced competitors to _____.

    (a) increase their promotions (b) lower their prices (c) increase their profits

20. You can **Conclude** that Henry Ford had faith in the American _____ system.

    (a) Free enterprise (b) socialist (c) welfare

21. Henry Ford served as a major **catalyst** of _____.

22. **Write the Life Principle:** "_____ _____."

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Name: _____

Date: _____ Grade: _____





Industrial Giants

Fill in the blanks, choose multiple choice, or answer true or false as indicated.

1. Before 1844, messages were sent by smoke signals, fires, _____, flags, and runners or _____.
2. After his wife died, Samuel Morse ***determined*** that he would develop a faster system of _____ over long distances.
3. Samuel Morse developed a communication system that involved wires, ***electromagnets***, and _____ poles positioned along railroads and trails.
4. While at Yale College, Morse studied electricity based on experiments by _____.
   (a) Benjamin Rush (b) Thomas Jefferson (c) Thomas Edison (d) Benjamin Franklin
5. Morse traveled to Europe to study ***theology***. _____ (a) True (b) False
6. Morse was ***intrigued*** when he overhead a ship-side conversation about _____.
7. All of Morse's methods of discovery and inventions were original, and were not based on previous discoveries by other inventors. _____ (a) True (b) False
8. Morse developed a system of communication using _____ letters represented by _____ and _____ , tapped out on a telegraph machine.
9. The Morse Code system improved long-distance _____ for the military, railroads, media, and law enforcement officials.
10. You can **Conclude** that Morse lived in luxurious surroundings. _____ (a) True (b) False
11. After many failed experiments, Morse and his assistants developed magnetic-powered single-wire transmission of messages. _____ (a) **Fact** (b) **Inference**
12. Morse received financial support from _____to build an experimental line.
    (a) a friend (b) Congress (c) Henry Ford (d) Thomas Edison
13. The first words transmitted by telegraph on May 24, 1844, were " _____ _____."
14. **Cause:** Installation of _____ poles and wires in western regions of the United States had the **Effect** of shutting down the _____ system of communication after 1861.

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15. Telegraph communication ***eventually*** extended from the United States to _____ by means of a _____ cable.

16. You can **Conclude** that the cable was laid across the Atlantic, on the ocean floor. _____

    (a) True (b) False

17. **Write the Life Principle:** "_____ _____."

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Industrial Giants

Fill in the blanks, choose multiple choice, or answer true or false as indicated.

1. Theodore Judah was called "_____" because of the way he followed his dream to build _____ in America.

2. Theodore Judah was truly "out of his mind". _____

   (a) **Fact** (b) **Opinion**

3. What dream ***dominated*** the thoughts of Theodore Judah? _____

   (a) to build a highway (b) to build a railroad (c) to build a canal (d) to build a trail

4. ***Scoffers*** tried to discourage Theodore, so he _____.

   (a) moved away (b) set aside his dream (c) steadfastly held his ground against critics

5. **Cause:** Judah found people in _____who listened to his dream and who had the finances to invest in it. **Effect:** The first railroad west of the _____ River was built.

6. Judah expanded his dream to one of building a ***transcontinental*** ribbon of steel rails to connect the Atlantic and Pacific coasts. _____ (a) **Fact** (b) **Inference**

7. What United States President became interested in Mr. Judah's idea of a railroad that spanned the continent? _____

   (a) James Monroe (b) James Madison (c) Abraham Lincoln (d) James Polk

8. Judah financed his dreams by means of _____.

   (a) President Lincoln (b) Congress (c) interested entrepreneurs

9. You do not have to be rich in order to realize your dreams. _____ (a) **Stated** (b) **Inferred**

10. ***Culmination*** of a project has to do with its _____.

    (a) termination (b) cautions (c) critics (d) completion (e) restructuring

11. What two ethnic groups competed to be the first arrivals at Promontory Peak in Utah? _____

    (a) Irish/German (b) Chinese/Italian (c) Irish/Italian (d) Irish/Chinese

12. Work crews had to tunnel through _____, and build bridges across _____, and cut trees to shape ***crossties*** to lay on roadbeds, while people in the "railroad village" watched for rogue _____ and marauding _____.

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13. Competition between the two teams sometimes resulted in ***sabotage*** by _____.

    (a) bandits (b) Indians (c) competitors (d) discontented employees

    (e) all of these (f) only a and b (g) only c and d

14. The amazing project was completed in-spite-of being ***hampered*** by bad_____ conditions, hostile Indians, _____, and _____ herds.

15. Theodore Judah's dream was finally fulfilled at Promontory, Utah, in 1869 when the _____ spike was driven.

16. Theodore Judah was able to watch fulfillment of his dream as trains ***chugged*** across America.

    _____ (a) True (b) False

17. **Cause:** Railroads opened-up the heartland of America for people settled on plains and in towns along the way, (**Effect**) to supply _____, merchandise, and _____ to regions previously populated by Native Americans, coyotes, deer, and _____.

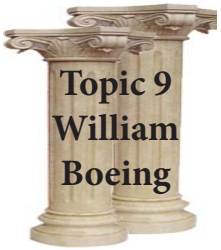
18. You can **Conclude** that Judah's dream was fulfilled because of his: _____

    (a) perseverance (b) determination (c) courage (d) all of these (e) only b and c

19. **Write the Life Principle:** "_____ _____."

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Industrial Giants

Fill in the blanks, choose multiple choice, or answer true or false as indicated.

1. William Boeing's _____ sent William to a _____ school, where he became an ***avid*** reader.
2. As is often the case, the stepfather had little time for the boy, so he sent William away to school.

   _____ (a) **Fact** (b) **Conjecture** (suppose, infer, guess)
3. **Cause:** Wanting to "seek his fortune", and being frustrated with his _____, (**Effect:**) prompted William to quit Yale _____ and travel to the state of Washington where he invested in the _____ industry.
4. William became interested in aviation while riding on a ***floatplane*** at an air exhibit in southern California. _____ (a) True (b) False
5. **Cause:** William was an _____ man; and after ***assessing*** the floatplane, (**Effect:**) he believed that he could build a better designed _____ than the one in which he rode while in _____.
6. William built a better-designed floatplane in his lumber factory, and received a purchase order for two planes from the _____.
7. The beginning of Boeing Airplane Company began with construction of two floatplanes. _____

   (a) True (b) False
8. Success with a contract to deliver mail with planes constructed of wood and canvass encouraged Boeing to make ***innovations*** on wings, landing gear, engines, and windows in order to haul _____.
9. Boeing transitioned from making wooden planes to manufacturing airplanes with:_____.

   (a) fiberglass (b) steel (c) aluminum (d) tin (e) copper (f) French labor
10. Boeing Airplane Company grew from a dozen employees to more than _____ people.
11. You can **Conclude** from the vignette that William Boeing's marriage to Bertha Paschall was the secret to his success in building United Airlines into a multi-billion-dollar business.

    _____ (a) True (b) False

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12. In time, Boeing Aircraft Company became _____ Airlines.

    (a) American (b) United (c) Pan American (d) Northwest

13. In 1934, William Boeing became an aviation ***consultant*** and resigned his _____ and _____ interests in the once-***fledgling*** Boeing Aircraft Company.

14. The company continued to expand to include manufacturing of ***mammoth*** military aircraft, including _____and _____ used in WWII.

15. The Boeing B-29 *Enola Gay* carried the _____ bomb in August 1945 that was instrumental in causing _____ to surrender, thus helping end WWII.

16. After the war, Boeing converted its factories to production of _____ planes, such as the elegant 747 liner.

17. Today, Boeing manufactures _____ and _____ planes for many nations in addition to the USA.

18. You can **Conclude** that the "B" designation on some of Boeing's planes stands for _____.

    (a) Boeing (b) Bomber (c) Bummer (d) Beneficial

19. **Write the Life Principle:** "_____ _____."

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Industrial Giants

Fill in the blanks, choose multiple choice, or answer true or false as indicated.

1. Orville and Wilbur Wright were inspired to learn arithmetic and about _____ after they received a toy wooden _____ as a gift from their father.
2. Even though the Wright brothers learned mathematics and developed moral integrity, they never graduated from high school. _____ (a) True (b) False
3. The lack of a college education prevented the Wright brothers from starting a newspaper and printing business. _____ (a) True (b) False
4. **Cause:** Wilbur and Orville suffered a lack of _____, so (**Effect:**) they were ***compelled*** to ***suspend*** their interest in _____.
5. In 1892, the Wright brothers opened a bicycle shop, where they ***tinkered*** with pullies, gears, chains, and balance, and read about French inventors who had developed _____.
   (a) jet engines (b) turbo props (c) gliders (d) gasoline engines (e) radar
6. The two brothers studied the shapes of bird _____ and how birds spread and folded their feathers during _____.
7. Orville and Wilbur continued to make and sell bicycles while ***accumulating*** money to support their interest in _____ with kites and gliders in North Carolina.
8. ***Bi-wing*** indicates that an aircraft has _____.
   (a) two seats (b) two engines (c) two wheels (d) two wings (e) two tails
9. The Wright brothers persevered for _____ years, during which time they experienced crashes, broken _____, and wrecked _____.
10. **Cause:** Other flight inventors focused too much on wings and motors instead of on _____. As a result, (**Effect:**) they _____.
11. Wilbur and Orville used their knowledge of pullies, cables, and gears to _____their flying craft to accommodate wind ***fluctuations*** and _____.
12. ***Ironically***, the first motorized flight was in 1906 at Kitty Hawk, South Carolina. _____
    (a) True (b) False

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13. Wilbur and Orville received worldwide attention immediately after their successful motorized flight at Kitty Hawk. _____ (a) True (b) False

14. The critics' ***skepticism*** of the Wrights' invention had to do with _____.

(a) suspicion (b) doubt (c) belief (e) fluctuations (f) suspension

15. **Cause:** In 1908, the Wright brothers flew their motorized bi-wing plane in _____ for over an hour with a woman on board. **Effect:** Skeptics and military personnel were amazed, and the Wrights were treated as _____.

16. **Sequencing. Number the following events in chronological order:**

_____ (a) experimented with kites and gliders

_____ (b) Mrs. Wright had tuberculosis

_____ (c) tinkering with and making bicycles in Ohio

_____ (d) included a woman in a motorized bi-wing flight in France

_____ (e) suspended experiments due to criticism

_____ (f) returned to the United States as heroes.

17. You can **Conclude** from the vignette, that the Wright brothers were _____.

(a) industrious (b) perseverant (c) intimidated (d) risk-takers

(e) trend-setters (f) all of these (g) all except c (h) only a, b, and d

18. The Wright Brothers Flying School played a significant role in winning WWI. _____

(a) **Fact** (b) **Inference**

19. The military success of bi-wing aircraft during WWI inspired movies and news stories that _____ the aviation industry.

(a) accelerated (b) decelerated (c) decorated (c) enhanced status quo for

20. **Cause:** The Wright brothers' interest in _____ (**Effect:**) birthed air travel that eventually attained ***supersonic*** _____.

21. **Write the Life Principle:** "_____ _____."

Score your activities. Correct errors. Review this section. Request your section quiz. Remember: you may be exempt from the chapter test if you score 85% or higher on both section quizzes.

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