

Unit 4 Grammar - But, Although, And, While, So, and Because

E: **Circle** the answers that correctly complete the following sentences.

1. The sun is 93 million miles away, _____ it provides sufficient heat and light for the earth.
a) **but** b) although c) so d) because
2. _____ the sun is 93 million miles away, it provides sufficient heat and light for the earth.
a) But **b) Although** c) So d) Because
3. The sun is yellow, _____ other stars are red, white, or blue.
a) **and** b) while c) so d) because
4. _____ the sun is yellow, other stars are red, white, or blue.
a) And **b) While** c) So d) Because
5. The nearest star is 4.3 light-years away from the sun, _____ its light must travel more than 4 years to reach the earth.
a) but b) although **c) so** d) because
6. _____ the nearest star is 4.3 light-years away, its light must travel more than 4 years to reach the earth.
a) But b) Although c) So **d) Because**
7. Chemical energy is a form of potential energy, _____ thermal energy is a form of kinetic energy.
a) **and** b) while c) so d) because
8. _____ Chemical energy is a form of potential energy, thermal energy is a form of kinetic energy.
a) and **b) while** c) so d) because
9. The gas became very hot, _____ the closed container prevented it from expanding.
a) **but** b) although c) so d) because
10. _____ the gas became very hot, the closed container prevented it from expanding.
a) But **b) Although** c) So d) Because
11. Proteins contain carbon, _____ they are classified as organic compounds.
a) but b) although **c) so** d) because
12. _____ proteins contain carbon, they are classified as organic compounds.
a) But b) Although c) So **d) Because**
13. Mixtures contain more than one type of atom, _____ they cannot be classified as compounds.
a) **but** b) although c) so d) because
14. _____ mixtures contain more than one type of atom, they cannot be classified as compounds.
a) But **b) Although** c) So d) Because
15. The nearest star is 4.3 light-years away from the sun, _____ the farthest stars are billions of light-years away.
a) **and** b) while c) so d) because
16. _____ the nearest star is 4.3 light-years away from the sun, the farthest stars are billions of light-years away.
a) And **b) While** c) So d) Because

كأن الحاسد إنما خلق ليغتاظ.

F. Use words from the box to complete the sentences below. Each **answer** must be used **twice**.

has is that whose 0

1. Hydrocarbons are compounds that are composed of carbon and hydrogen.
2. Hydrocarbons are compounds 0 composed of carbon and hydrogen.
3. Gold is a metallic element whose atomic number is 79.
4. Gold is deep yellow, soft, and extremely ductile and malleable.
5. Gold has an atomic weight of 196.967.
6. The chemical symbol for gold is Au.
7. Gold is a metallic element whose chemical symbol is Au.
8. Substances 0 known as elements contain just one type of atom.
9. Gold is a metallic element that is commonly used as money.
10. Every compound has a fixed composition that can be written as a formula.

G. Use words from the box to complete the sentences below. Each **answer** must be used **once**.

**acts as are are classified as are examples of are used as contains discovered have
include is an example of is classified as is composed of is found is used
is known as occurs was discovered were discovered**

1. Sodium chloride contains (or is composed of) sodium and chlorine.
2. In nature, petroleum occurs (or is found) in underground deposits.
3. Propane and methane are used as fuels.
4. Petroleum is used to produce combustible fuels, petrochemicals, and lubricants.
5. When a plastic comb is electrically charged, it acts as a magnet.
6. Examples of organic compounds include proteins and carbohydrates.
7. Gold is an example of (or is classified as) (or is known as)
a noble metal.
8. Fats are examples of (or are classified as) organic compounds.
9. The first AlNiCo alloy was discovered by scientists in the 1930s.
10. Lodestone compass needles were discovered by the Chinese in about 1100 A.D.
11. Scientists discovered magnetic steels in the late nineteenth century.
12. Alloys have properties that are more useful than the properties of their base metals and
thus are more useful than elemental metals in everyday life.

يخدع المظهر الأول الكثيرين.

Unit 4 Grammar Review

H. **Circle** the answer that best describes each of the following group of words.

1. A flaming ball of extremely hot gases with a surface temperature of about 11,000° F.
a) simple b) compound c) complex d) compound-complex e) **fragment** f) run-on g) comma splice
2. The sun is a flaming ball of gases it has a surface temperature of about 11,000° F.
a) simple b) compound c) complex d) compound-complex e) fragment f) **run-on** g) comma splice
3. The sun is mostly made of hydrogen, it also contains nearly every other type of atom.
a) simple b) compound c) complex d) compound-complex e) fragment f) run-on g) **comma splice**
4. The sun is mostly made of hydrogen but also contains nearly every other type of atom.
a) **simple** b) compound c) complex d) compound-complex e) fragment f) run-on g) comma splice
5. Red stars are the coolest, and blue ones are the hottest.
a) simple b) **compound** c) complex d) compound-complex e) fragment f) run-on g) comma splice
6. Because the surface of the sun is about 11,000° F, hot enough to turn every solid to vapor.
a) simple b) compound c) complex d) compound-complex e) **fragment** f) run-on g) comma splice
7. Located about 93 million miles from the earth, the sun is less than one light-year away.
a) **simple** b) compound c) complex d) compound-complex e) fragment f) run-on g) comma splice
8. The Milky Way is a galaxy composed of about 30 billion stars, and it is the galaxy in which the sun is found.
a) simple b) compound c) complex d) **compound-complex** e) fragment f) run-on g) comma splice
9. The sun derives its energy from fusion this process makes a tremendous noise.
a) simple b) compound c) complex d) compound-complex e) fragment f) **run-on** g) comma splice
10. The farthest stars are billions of light-years away from the earth.
a) **simple** b) compound c) complex d) compound-complex e) fragment f) run-on g) comma splice
11. The color of a star indicates its temperature, red stars are the coolest.
a) simple b) compound c) complex d) compound-complex e) fragment f) run-on g) **comma splice**
12. Fusion is a process in which hydrogen atoms are converted into helium atoms.
a) simple b) compound c) **complex** d) compound-complex e) fragment f) run-on g) comma splice
13. Because sound cannot travel through space, the noise created by fusion.
a) simple b) compound c) complex d) compound-complex e) **fragment** f) run-on g) comma splice
14. During fusion, hydrogen atoms are converted to helium atoms this process requires intense heat and pressure.
a) simple b) compound c) complex d) compound-complex e) fragment f) **run-on** g) comma splice

يرى الحاسد زوال نعمتك نعمة عليه.

I. Circle the answers that best describe the required articles. The symbol θ indicates that no article is necessary. When the specific article [the] is required, indicate why it is required [the^{#1} modifies nouns that are the only ones, the^{#2} modifies nouns that are 2nd mention, and the^{#3} modifies nouns that are explained].

1. The earth's chief source of heat and light is _____ sun.
a) a b) an c) θ **d) the^{#1}** e) the^{#2} f) the^{#3}
2. The earth and the sun are located in _____ Milky Way.
a) a b) an c) θ **d) the^{#1}** e) the^{#2} f) the^{#3}
3. The sun is _____ star.
a) a b) an c) θ d) the^{#1} e) the^{#2} f) the^{#3}
4. Fusion creates heat and noise, but _____ noise does not reach the earth.
a) a b) an c) θ d) the^{#1} **e) the^{#2}** f) the^{#3}
5. The Milky Way is _____ enormous galaxy that contains billions of stars.
a) a **b) an** c) θ d) the^{#1} e) the^{#2} f) the^{#3}
6. Galaxies contain _____ stars.
a) a b) an **c) θ** d) the^{#1} e) the^{#2} f) the^{#3}
7. _____ nearest star is located 4.3 light-years away.
a) A b) An c) θ **d) The^{#1}** e) The^{#2} f) The^{#3}

J. For each of the following sentences, circle the letter that best describes the type of comma(s) used.

1. Because sound cannot travel through a vacuum, fusion is not heard on earth.
a) introductory b) compound sentence c) series d) reversible adjective
2. It is 93 miles away, and its surface temperature is about 11,000° F.
a) introductory **b) compound sentence** c) series d) reversible adjective
3. If a star from a nearby galaxy exploded today, its light would continue to be seen on earth for many years.
a) introductory b) compound sentence c) series d) reversible adjective
4. Fusion is a hot, noisy process.
a) introductory b) compound sentence c) series **d) reversible adjective**
5. A star may be red, yellow, white, or blue.
a) introductory b) compound sentence **c) series** d) reversible adjective
6. The nearest star is 4.3 light-years away, so its light travels more than 4 years to reach the earth.
a) introductory **b) compound sentence** c) series d) reversible adjective
7. While its mass is approximately 330,000 times the earth's, its diameter is only about 109 times the earth's.
a) introductory b) compound sentence c) series d) reversible adjective

يسخر من الجروح
من لا يعرف الألم.

K. This exercise tests understanding of punctuation, sentences, fragments, run-ons, and comma splices. **Circle** the letters that correspond to the correctly punctuated sentences.

1. Which of the following group of words is a correctly punctuated sentence?
 - a) Samarium is a rare-earth element the first rare-earth magnet was produced about 25 years ago.
 - b) Samarium is a rare-earth element, the first rare-earth magnet was produced about 25 years ago.
 - c) Samarium is a rare-earth element and the first rare-earth magnet was produced about 25 years ago.
 - d) none of the above**
2. Which of the following group of words is a correctly punctuated sentence?
 - a) Glass is not attracted or repelled by magnets, it is classified as nonmagnetic.
 - b) Glass is not attracted or repelled by magnets, so it is classified as nonmagnetic.**
 - c) Because glass is not attracted or repelled by magnets, so it is classified as nonmagnetic.
 - d) all of the above
3. Which of the following group of words is a correctly punctuated sentence?
 - a) Its domains can align and become magnetized.
 - b) Its domains can align and can thus become magnetized.
 - c) Its domains can align, and it can become magnetized.
 - d) all of the above**
4. Which of the following group of words is a correctly punctuated sentence?
 - a) Lodestone is a hard magnetic material it is a natural permanent magnet.
 - b) Lodestone is a hard magnetic material, it is a natural permanent magnet.
 - c) Lodestone is a hard magnetic material that is a natural permanent magnet.**
 - d) none of the above
5. Which of the following group of words is a correctly punctuated sentence?
 - a) An electromagnet is a temporary magnet produced by an electric current.**
 - b) An electromagnet is a temporary magnet, it produced by an electric current.
 - c) An electromagnet is a temporary magnet that produced by an electric current.
 - d) none of the above
6. Which of the following group of words is a correctly punctuated sentence?
 - a) When an object is magnetized attracts and repels magnetic poles.
 - b) When an object is magnetized it attracts and repels magnetic poles.
 - c) When an object is magnetized, it attracts and repels magnetic poles.**
 - d) none of the above
7. Which of the following group of words is a correctly punctuated sentence?
 - a) Its domains move freely and readily align to produce a temporary magnet.**
 - b) Its domains move freely, readily align to produce a temporary magnet.
 - c) Its domains move freely, they readily align to produce a temporary magnet.
 - d) none of the above
8. Which of the following group of words is a correctly punctuated sentence?
 - a) These produce temporary magnets those produce permanent magnets.
 - b) These produce temporary magnets, those produce permanent magnets.
 - c) These produce temporary magnets, and those produce permanent magnets.**
 - d) all of the above
9. Which of the following group of words is a correctly punctuated sentence?
 - a) A soft magnetic material loses its magnetism, it is removed from a magnetic field.
 - b) A soft magnetic material loses its magnetism, when it removed from a magnetic field.
 - c) A soft magnetic material loses its magnetism when it is removed from a magnetic field.**
 - d) all of the above

للحياة معان كثيرة لم يتعرف
أغلب الناس على معظمها.

N. Circle the **finite verbs** or **verbals** that correctly complete the following sentences.

- Magnets _____ north and south poles.
a) has
b) have
c) having
d) to have
- Ceramic magnets _____ in the 1950s.
a) develop
b) developing
c) was developed
d) were developed
- If _____, a hard magnetic material generally remains magnetized.
a) magnetized
b) to magnetize
c) is magnetized
d) was magnetized
- Rare-earth magnets _____ available about 25 years ago.
a) to become
b) becoming
c) become
d) became
- Soft magnetic materials _____ to make temporary magnets.
a) use
b) uses
c) is used
d) are used
- Temporary magnets can be demagnetized by _____ them from magnetic fields.
a) remove
b) removing
c) to remove
d) are removed
- _____ objects have kinetic energy.
a) Move
b) Moved
c) Moving
d) To move
- The domains in soft magnetic materials _____ freely and easily.
a) moved
b) moving
c) to move
d) can move
- Strong permanent magnets can be used _____ the domains in soft magnetic materials.
a) align
b) aligned
c) to align
d) can align

يتكلم بعض الناس أثناء نومهم، أما
المُحاضرون فيتكلمون أثناء نوم الآخرين.