Fun by Remote Control

1. **counterpart** [Noun]
   Sentence: A female college graduate is more likely to be a teacher than her male counterpart.
   Definition: a person or thing that corresponds to another and has the same function or job

2. **drone** [Noun]
   Sentence: A drone can be flown by someone miles away using a computer.
   Definition: an unmanned aircraft or ship that is operated remotely

3. **miniaturization** [Noun]
   Sentence: Through a process of miniaturization, cell phones became smaller and smaller over time.
   Definition: the act or process of designing or making something in a smaller size

4. **replica** [Noun] rep•li•ca
   Sentence: We brought home a tiny replica of the Empire State Building.
   Definition: a copy or reproduction of something

5. **transistor** [Noun]
   Sentence: The invention of the transistor made portable music and smaller computers possible.
   Definition: a small device that controls the flow of electricity in electronic items

6. **transmitter** [Noun]
   Sentence: The opposite of a transmitter is a receiver.
   Definition: a device that sends out electromagnetic signals, such as radio or television signals

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counterpart
(noun)

1. A **counterpart** is a person or thing that is similar in characteristics or position to another and has the same function.
2. A minister is the Christian **counterpart**, or equivalent, of a Jewish rabbi.
3. A smoker is at much higher risk for many diseases than his or her nonsmoking **counterpart**.

drone
(noun)

1. Many companies know how to build a **drone**, or an unmanned aircraft or ship.
2. This company will use a **drone** to deliver the package to the person's home.
3. Hospitals may one day use a **drone** to get medicine to people quickly.

miniaturization
(noun)

1. Thanks to **miniaturization**, or the process of making things small, today's computers can be tiny.
2. **Miniaturization** is an important part of modern electronics.
3. Many car engines have become smaller over the years thanks to **miniaturization**.

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replica
(noun)

1. A **replica** is a duplicate of a thing, often smaller, such as a detailed model of the Eiffel Tower.
2. The painting is worthless because it is a **replica**, or copy, of an original Rembrandt masterpiece.
3. We visited a **replica** of a colonial village on our vacation.

transistor
(noun)

1. The invention of the **transistor** led to the building of smaller, portable electronic items, such as radios and computers.
2. A **transistor** is a small electronic device that controls the flow of electricity; it replaced the vacuum tube.
3. After the **transistor** was invented, people could listen to music on portable radios.

transmitter
(noun)

1. A **transmitter** makes and sends signals to radios, televisions, or other telecommunication devices.
2. In general, a **transmitter** is anything that sends information to a receiver.
3. The **transmitter** requires an antenna to work properly.

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Name: _____

INSTRUCTIONS: Record a vocabulary word in each word box. Then write a synonym and an antonym, draw a picture, and define each word. Use each word in a sentence on the back of this worksheet.

Word	Picture
_____	

_____
Synonym

_____
Antonym

Definition _____

_____

Word	Picture
_____	

_____
Synonym

_____
Antonym

Definition _____

_____

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counterpart

a person or thing that corresponds to another and has the same function or job
(noun)

drone

an unmanned aircraft or ship that is operated remotely
(noun)

miniaturization

the act or process of designing or making something in a smaller size
(noun)

replica

a copy or reproduction of something
(noun)

transistor

a small device that controls the flow of electricity in electronic items
(noun)

transmitter

a device that sends out electromagnetic signals, such as radio or television signals
(noun)

Name: _____

An **analogy** shows a relationship between two sets of words. The words in the first pair must have the same relationship as the words in the second pair. To complete an analogy with a missing word, you must first discover the relationship between the completed pair. (Example: *Cat is to meow as dog is to bark.*)

capitalize tool resemblance manual subtraction receive

INSTRUCTIONS: Determine the relationship between the first pair of words. Then use the words in the word box to complete the second pair of words.

1. **Counterpart** is to *equivalent* ...as... **similarity** is to _____.
2. **Drone** is to *vehicle* ...as... **wrench** is to _____.
3. **Miniaturization** is to *miniature* ...as... **capitalization** is to _____.
4. **Replica** is to *original* ...as... **addition** is to _____.

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Name: _____

An **analogy** shows a relationship between two sets of words. The words in the first pair must have the same relationship as the words in the second pair. To complete an analogy with a missing word, you must first discover the relationship between the completed pair. (Example: *Cat is to meow as dog is to bark.*)

tool receive subtraction manual capitalize resemblance

INSTRUCTIONS: Determine the relationship between the first pair of words. Then use the words in the word box to complete the second pair of words.

5. **Transistor** is to *electronic* ...as... **hammer** is to _____.

6. **Transmitter** is to *transmit* ...as... **receiver** is to _____.

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Name: _____

counterpart	**drone**	**transmitter**
miniaturization	**transistor**	**replica**

INSTRUCTIONS: Use the vocabulary words in the word box above to complete the sentences below.

1. A _____ can be flown by someone miles away using a computer.

2. We brought home a tiny _____ of the Empire State Building.

3. A female college graduate is more likely to be a teacher than her male _____.

4. Through a process of _____, cell phones became smaller and smaller over time.

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Name: _____

transmitter	miniaturization	replica	transistor
drone	counterpart		

INSTRUCTIONS: Use the vocabulary words in the word box above to complete the sentences below.

5. The opposite of a _____ is a receiver.

6. The invention of the _____ made portable music and smaller computers possible.

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Name: _____

A **noun** is a person, place, thing, or idea. If the noun is the name of a person or a specific place, it is called a **proper noun**. A proper noun is always capitalized.

INSTRUCTIONS: Read the words below. Decide whether the word is best classified as a person, place, thing, or idea. Then write each word in the appropriate column.

counterpart drone miniaturization transistor transmitter replica

PERSON	PLACE	THING	IDEA

Use each noun from the table in a sentence.

1. _____.
2. _____.
3. _____.
4. _____.
5. _____.
6. _____.

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Name: _____

A **noun** is a person, place, thing, or idea. If the noun is the name of a person or a specific place, it is called a **proper noun**. A proper noun is always capitalized.

Write three words that are not nouns.

_____ _____ _____

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Name: _____

INSTRUCTIONS: Use what you know about the vocabulary words to complete the following sentences.

1. A **replica** is a _____.
2. A **drone** is _____.
3. **Miniaturization** is _____.
4. A **transmitter** generates _____.
5. You might find a **transistor** in _____.
6. The United States' **counterpart** of Great Britain's prime minister is _____.

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Name: _____

INSTRUCTIONS: Choose the best answer to complete each statement.

1. A counterpart _____ someone or something similar.
   - ⓐ corresponds to
   - ⓑ contrasts with
   - ⓒ belongs to

2. A drone is _____ aircraft.
   - ⓐ an unmanned
   - ⓑ a passenger
   - ⓒ a fixed-wing

3. What part of speech is the word *miniaturization*?
   - ⓐ a noun
   - ⓑ a verb
   - ⓒ an adjective

4. A replica is a _____ something else.
   - ⓐ copy of
   - ⓑ improvement on
   - ⓒ protest against

5. What does a transistor control?
   - ⓐ the transfer of heat
   - ⓑ the flow of electricity
   - ⓒ the pitch of sound

6. A transmitter often requires _____.
   - ⓐ an antenna
   - ⓑ a television
   - ⓒ a radio

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