

Hard Words Aren't Really Hard!
(When you know all the parts)

Set One:

Roots:

Geo	=	earth
Bio	=	life
Graph	=	write, written
Mono	=	one
Neo	=	new

Suffixes:

-ology	=	study of, science
-y	=	state, quality, act
-er/-or	=	one who, that which

Part 1: Can you put the right roots and suffixes together to create a word with the definitions given?

1. Definition: Written story of someone's life
root + root =
2. Definition: Detailed scholarly article or book on a single subject
root + root =
3. Definition: New system or method of writing
root + root + -suffix =
4. Definition: One who writes about the earth's features
root + root + -suffix =
5. Definition: Study of handwriting
root + -suffix =

Part 2: See if you can fill in the blanks in the sentences with one of the words you came up with in Part 1.

1. I recently read a fascinating _____ of Albert Einstein and his achievements.
2. The detectives used _____ to determine that the letter had been written by the subject.
3. The medical journal contained a _____ covering the use of intravenous anesthesia back to 1872.
4. The _____ wrote a series of articles on the features of the earth
5. The Arabic _____ gradually replaced Roman numerals.

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Set Two:

Roots:

Graph	=	write, written
Gen	=	birth, produce, race
Centr	=	center
Therm	=	heat
Geo	=	earth

Suffixes:

-ology	=	study of, science
-y	=	state, quality, act
-ous	=	having the quality of
-al/-ic	=	like, related to
-er/-or	=	one who, that which

Part 1: Can you put the right roots and suffixes together to create a word with the definitions given?

1. Definition: Having the quality of growing on or in the ground
root + root + -suffix =
2. Definition: Related to the earth's center; earth-centered
root + root + -suffix =
3. Definition: Study of the earth's structure
root + -suffix =
4. Definition: Related to the hot earth's interior
root + root + -suffix =
5. Definition: Description of the earth's features
root + root + -suffix =

Part 2: See if you can fill in the blanks in the sentences with one of the words you came up with in Part 1.

1. Volcanoes and glaciers are part of the _____ of the earth.
2. Early Greek astronomers developed a _____ model of the solar system.
3. Geysers are a source of _____ energy.
4. Most plants that are _____ have root systems.
5. Weather, rivers, lakes, oceans, and mountains are all part of the study of _____.

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Set Three:

<i>Roots:</i>		<i>Suffixes:</i>	
Gen/geno	=	birth, produce, race	-cide = kill
Psycho	=	mind, spirit	-ic/al = like, related to
Patho	=	feeling, disease	-ous = having the quality of
Bio	=	life	-esis = action, process

Part 1: Can you put the right roots and suffixes together to create a word with the definitions given?

1. Definition: Like something originating in the mind
root + root + -suffix =
2. Definition: Process of beginning or being born
root + -suffix =
3. Definition: Like something produced by the action of living organisms
root + root + -suffix =
4. Definition: Killing of a race
root + -suffix =
5. Definition: Related to causing disease
root + root + -suffix =

Part 2: See if you can fill in the blanks in the sentences with one of the words you came up with in Part 1.

1. Food poisoning is often the result of _____ bacteria.
2. The coral reefs off Australia are examples of _____ reef formation.
3. The theory had its _____ several years earlier in a small laboratory.
4. When hatred and war exist, there is always the danger of _____.
5. His _____ seizures were directly related to his increasing stress.

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Set Four:

Roots:

Metr	=	measure
opt/opto/ops	=	eye, vision
Syn	=	with, together
Gen	=	birth, produce, race
Bio	=	life

Suffixes:

-y	=	state, quality
-ic/al	=	like, related to

Part 1: Can you put the right roots and suffixes together to create a word with the definitions given?

1. Definition: Testing of eyes to measure vision
root + root + -suffix =
2. Definition: Resulting from living things
root + root +-suffix =
3. Definition: Removal and examination of tissue from a living body
root + root + -suffix =
4. Definition: Related to numerical analysis of biological observation and phenomena
root + root +-suffix =

Part 2: See if you can fill in the blanks in the sentences with one of the words you came up with in Part 1.

1. The medical student decided to pursue a career in _____.
2. The results of the _____ showed that there were no cancer cells.
3. He completed _____ research in the behavior of gypsy moths.
4. _____ sediments found along the coast include skeletons and shells.

All sets taken from "Word Roots" software by Critical Thinking Books & Software, PO Box 448, Pacific Grove, CA 93950. Phone 800.458.4849.

World Wide Web: www.criticalthinking.com

Answers to "Hard" Word Sets

Set 1, Part 1:

1. Written story of someone's life = biography
2. Detailed scholarly article or book on a single subject = monograph
3. New system or method of writing = neography
4. One who writes about the earth's features = geographer
5. Study of handwriting = graphology

Set 1, Part 2:

1. I recently read a fascinating biography of Albert Einstein and his achievements.
 2. The detectives used graphology to determine that the letter had been written by the subject.
 3. The medical journal contained a monograph covering the use of intravenous anesthesia back to 1872.
 4. The geographer wrote a series of articles on the features of the earth
 5. The Arabic neography gradually replaced Roman numerals.
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Set 2, Part 1:

1. Having the quality of growing on or in the ground = geogenous
2. Related to the earth's center; earth-centered = geocentric
3. Study of the earth's structure = geology
4. Related to the hot earth's interior = geothermal
5. Description of the earth's features = geography

Set 2, Part 2:

1. Volcanoes and glaciers are part of the geology of the earth.
2. Early Greek astronomers developed a geocentric model of the solar system.
3. Geysers are a source of geothermal energy.
4. Most plants that are geogenous have root systems.

5. Weather, rivers, lakes, oceans, and mountains are all part of the study of geography .

Set 3, Part 1:

1. Like something originating in the mind = psychogenic
2. Process of beginning or being born = genesis
3. Like something produced by the action of living organisms =
4. Killing of a race = genocide
5. Related to causing disease = pathogenic

Set 3, Part 2:

1. Food poisoning is often the result of pathogenic bacteria.
 2. The coral reefs off Australia are examples of biogenic reef formation.
 3. The theory had its genesis several years earlier in a small laboratory.
 4. When hatred and war exist, there is always the danger of genocide .
 5. His psychogenic seizures were directly related to his increasing stress.
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Set 4, Part 1:

1. Testing of eyes to measure vision = optometry
2. Resulting from living things = biogenic
3. Removal and examination of tissue from a living body = biopsy
4. Related to numerical analysis of biological observation and phenomena = biometric

Set 4, Part 1:

1. The medical student decided to pursue a career in optometry .
2. The results of the biopsy showed that there were no cancer cells.
3. He completed biometric research in the behavior of gypsy moths.
4. Biogenetic sediments found along the coast include skeletons and shells.

Note: Students were not given the answers to take home with them.