

FOCUS: chron/chrono

PREFIX		ROOT		SUFFIX	
ana-	back, against	chron/	time	-al	like, related to; an action or process
syn-	with, together	chrono		-ic	like, related to
		geo	earth, ground	-ism	act, state, condition
		meter	measure	-logy	study of, science
		therm	heat	-ous	having the quality of

DIRECTIONS: In Column A, identify the elements in each word by circling roots and underlining prefixes and suffixes. Then match each word with its correct meaning from Column B.

- | COLUMN A | COLUMN B |
|---|---|
| 1. <u>an</u> <u>achron</u> <u>ism</u> _____ | a. continuing a long time or recurring frequently |
| 2. geochronology _____ | b. timekeeping device of great accuracy, especially used in measuring longitude |
| 3. synchronous _____ | c. occurring at the same time |
| 4. chronothermal _____ | d. science of determining the order in which things occur |
| 5. chronic _____ | e. something out of place or time |
| 6. chronology _____ | f. relating to both time and temperature |
| 7. chronometer _____ | g. study of the ages of geologic events |

FOCUS: bi/bio, ops/opt/opto

PREFIX		ROOT		SUFFIX	
syn-	with, together	bi/	life	-al	like, related to; an action or process
		bio		-ic	like, related to
		gen	cause, birth, produce, race	-y	state of, quality, act; body, group
		metr	measure		
		ops/	eye, vision		
		opt/			
		opto			
		phone	sound		

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- | COLUMN A | COLUMN B |
|------------------------------------|---|
| 1. <u>opto</u> <u>metr</u> y _____ | a. removal and examination of tissue from a living body (Medical) |
| 2. synoptic _____ | b. device used by the visually impaired to convert written text into sounds |
| 3. optical _____ | c. related to statistical analysis of biological observations and phenomena |
| 4. optophone _____ | d. testing of eyes to measure vision |
| 5. biopsy _____ | e. produced by the action of living organisms |
| 6. biometric _____ | f. pertaining to the eye; vision |
| 7. biogenic _____ | g. taking a general view of the whole subject |