|  |  |  |
| --- | --- | --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Geologic Time and Earth's History

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  | 1H |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  L |  |  |  |  |  |  |  |  |  |  |  | 2R |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 3L |  A |  W |  O |  F |  S |  U |  P |  E |  R |  P |  O |  S |  I |  T |  I |  O |  N |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  L |  |  |  |  |  |  |  |  |  |  |  |  C |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 4R |  E |  I |  A |  T |  I |  V |  E |  A |  G |  E |  |  |  |  K |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  F |  |  |  |  |  |  |  |  |  |  |  |  F |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  E |  | 5D |  A |  U |  G |  H |  T |  E |  R |  A |  T |  O |  M |  |  |  |  |  |  | 6O |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  S |  |  |  |  |  |  |  |  R |  |
|  |  |  |  |  |  |  |  |  |  |  | 7P |  |  |  |  |  | 8F |  |  |  S |  |  |  |  |  |  |  |  I |  |
|  |  |  |  |  |  |  |  |  |  |  |  E |  |  | 9C |  |  |  O |  |  |  I |  |  |  |  |  |  |  |  G |  |
|  |  |  |  |  |  |  |  |  |  | 10T |  R |  A |  C |  E |  F |  O |  S |  S |  I |  L |  | 11G |  |  |  |  |  |  I |  |
|  |  |  |  |  |  |  |  |  |  |  |  I |  |  |  N |  |  |  S |  |  |  |  |  E |  |  |  |  |  |  N |  |
|  |  |  |  |  |  |  |  | 12U |  N |  C |  O |  M |  F |  O |  R |  M |  I |  T |  Y |  | 13E |  O |  N |  |  |  |  |  A |  |
|  |  |  |  |  |  |  |  |  |  |  |  D |  |  |  Z |  |  |  L |  |  |  |  |  L |  |  |  |  |  |  L |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  O |  |  |  |  |  |  |  |  O |  |  |  | 14T |  |  R |  |
|  |  |  |  |  |  | 15R |  A |  D |  I |  O |  A |  C |  T |  I |  V |  E |  D |  A |  T | 16I |  N |  G |  |  |  |  R |  |  E |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  C |  |  |  |  |  |  N |  |  I |  | 17E |  |  E |  |  M |  |
|  |  |  |  |  | 18P | 19A |  L |  E |  O |  Z |  O |  I |  C |  E |  R |  A |  |  |  |  D |  |  C |  |  P |  | 20E |  R |  A |  |
|  |  |  |  |  |  |  B |  |  |  |  |  |  |  |  R |  |  |  |  |  |  E |  |  T |  |  O |  |  R |  |  I |  |
|  |  |  |  | 21M |  E |  S |  O |  Z |  O |  I |  C |  E |  R |  A |  | 22K |  T |  E |  X |  X |  I |  I |  C |  C |  I |  I |  N |  N |  |
|  |  |  |  |  |  |  O |  |  |  |  |  |  |  |  |  |  |  |  |  |  F |  |  M |  |  H |  |  N |  |  S |  |
|  |  |  |  |  |  |  L |  |  |  | 23P |  A |  R |  E |  N |  T |  I |  S |  O |  T |  O |  P |  E |  |  |  |  G |  |  |  |
|  |  |  |  |  |  |  U |  |  |  |  |  |  |  |  |  |  |  |  |  |  S |  |  S |  |  |  |  S |  |  |  |
|  |  |  |  |  |  |  T |  |  |  |  |  |  | 24I |  C |  E |  C |  O |  R |  E |  S |  |  C |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  E |  |  |  |  |  |  |  |  |  |  |  |  |  |  I |  |  A |  |  |  |  |  |  |  |
|  |  | 25P |  R |  E |  C |  A |  M |  B |  R |  I |  A |  N |  T |  I |  M |  E |  |  |  |  L |  |  L |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  G |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  E |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  E |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across****3.** States that the oldest rocks will be at the bottom and will have formed first.**4.** The age of something in relation to something else.**5.** The product atom formed during radioactive decay in a nuclear reaction.**10.** A fossil of a footprint rather than the animal itself.**12.** A buried surface seperating two rock masses of different ages.**13.** The largest section of geological time.**15.** A technique used to date materials such as rocks or carbon.**18.** The extinction of dinosaurs happened within this era.**20.** A span of time defined by large events.**21.** The era when dinosaurs were alive.**22.** A global extinction that causes at least 80% of a species to die.**23.** The isotope that undergoes radioactive decay in a nuclear reaction.**24.** A core sample typically removed from an ice sheet.**25.** The earliest period of Earth's history. | **Down****1.** the time taken for a radioactive isotope to fall to half of its original value.**2.** A fossil found in rock that was created long after the animal of it died.**6.** Unchanged fossil remains from extinct or dead animals.**7.** One of the subdivisions on the geological time scale. Also a punctuation mark.**8.** The remains or impression of a prehistoric organism.**9.** A time when many species such as humans came to be.**11.** A tool used to relate geological events to time. Geologists often use this.**14.** Rings on a tree trunk representing a single year's growth with each line.**16.** A fossil that is used for dating and correlating the strata in which it is found.**17.** The second smallest division in geologic time.**19.** Measurement of age in exact years. |