

Changes During the Cenozoic Era

Name:

Period:

Answer the questions below from Chapter 9, Section 3.

The Cenozoic Era (p.282)

1. What does the word Cenozoic mean? _____
- _____ 2. Why do scientists know more about the Cenozoic Era than about earlier eras?
 - a. Cenozoic fossils are easy to find.
 - b. Cenozoic fossils are hard to find.
 - c. Cenozoic fossils have not formed.
 - d. Early humans left pictures.

The Age of Mammals (p.282)

3. What is the Cenozoic Era sometimes called? _____
4. Lots of _____ appeared in the Cenozoic Era, much like reptiles were successful in the Mesozoic Era.
5. Which famous mammals appeared late in the Cenozoic Era? _____

The Cenozoic Era Today (p.282)

6. Periods of time when the climate is very cold are called _____ .
- _____ 7. How did many animals survive during the ice ages?
 - a. They migrated toward the equator.
 - b. They migrated toward the poles.
 - c. They hibernated through the ice ages.
 - d. They learned to live underwater.

Now, use the chart titled "Mammals Multiply" and p.282 to help you.

1. What does the word "Cenozoic" mean?
2. What kind of animal dominates the Cenozoic era?
3. According to the chart, how would the size of the mammals at the start of this era be described?
4. According to the chart, did monkeys first show up at the beginning, middle, or end of this era?
5. Did humans show up at the beginning, middle, or end of this era?
6. Which happened first, the development of stone tools, or humans appearing?
7. What happened to Earth's climate during ice ages?

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8. Humans appeared 5.50 mya. It was only 0.01 mya that humans started farming. How long were humans around before they figured out how to domesticate plants and animals? Show your work below.

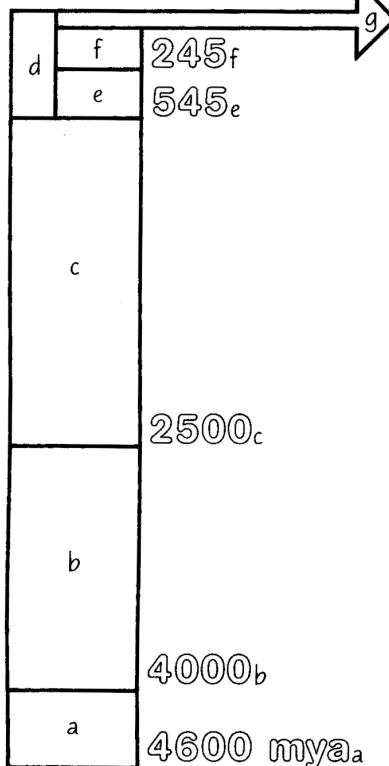
MAMMALS MULTIPLY

PHANEROZOIC EON_dCENOZOIC ERA_g

QUATERNARY

PERIOD_r

EPOCHS*

HOLOCENE_yPLEISTOCENE_xTERTIARY PERIOD_qPLIOCENE_wMIOCENE_vOLIGOCENE_uEOCENE_tPALEOCENE_sMESOZOIC ERA_fPALEOZOIC ERA_ePROTEROZOIC EON_cARCHEAN EON_bHADEAN EON_a

Plant and animal
domestication
0.01_y



1-22

MAMMALS MULTIPLY

