


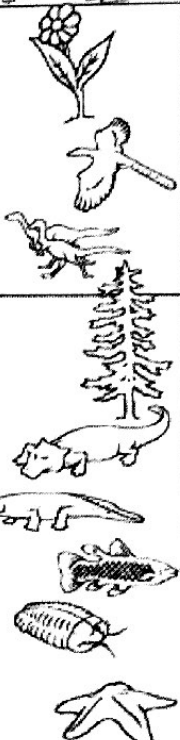
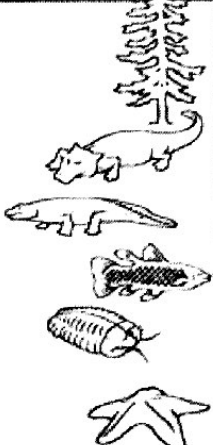
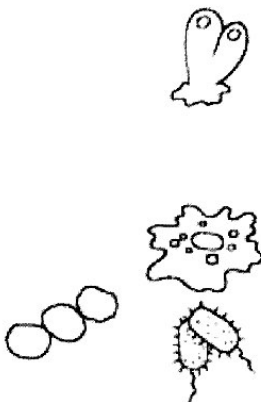
Name \_\_\_\_\_

Date \_\_\_\_\_

Class \_\_\_\_\_

Master

**23****Geologic Time Scale****Reteaching Skills***Use with Chapter 14, Section 14.1*

ERA	PERIOD	MILLION YEARS AGO (approximate)	MAJOR EVOLUTIONARY EVENTS	MAJOR LIFE FORMS
Cenozoic	Quaternary	1.8	Humans evolve	
	Tertiary		Mammals dominant	
Mesozoic	Cretaceous	65		
		144	Flowering plants appear	
	Jurassic		First birds First flowering plants	
	Triassic	206	First mammals First dinosaurs	
Paleozoic	Permian	248		
		290	Conifers appear	
	Carboniferous	323	First reptiles First seed plants	
		354		
	Devonian	417	First amphibians	
	Silurian			
	Ordovician	443	First fishes	
Precambrian	Cambrian	491	First vertebrates	
		543		
			Invertebrates	
		1800	Eukaryotes	
		3500	Prokaryotes	
		4000	Life evolves	

## Worksheet

## 23

## Geologic Time Scale

## Reteaching Skills

Use with Chapter 14, Section 14.1

1. What is the basis of the geologic time scale?  
\_\_\_\_\_  
\_\_\_\_\_
2. Describe the divisions of the geologic time scale.  
\_\_\_\_\_  
\_\_\_\_\_
3. During what era and at approximately what date does fossil evidence suggest life had evolved on Earth? What form of life was this?  
\_\_\_\_\_  
\_\_\_\_\_
4. What forms of living things characterized the Cambrian Period?  
\_\_\_\_\_  
\_\_\_\_\_
5. During what era did the first vertebrates evolve? What were these vertebrates?  
\_\_\_\_\_  
\_\_\_\_\_
6. The dinosaurs and many other species became extinct in a relatively short period of time that marks what is called the K-T boundary, which stands between the Cretaceous and Tertiary Periods. About how long ago did the dinosaurs become extinct?  
\_\_\_\_\_  
\_\_\_\_\_
7. Imagine you found a fossil of a bird that dates to 213 million years. Why would this find be astonishing to scientists?  
\_\_\_\_\_  
\_\_\_\_\_
8. Suppose a geologist finds a layer of rock that can be dated to 320 million years ago. Layers from which periods would be expected to be above and below the newly discovered layer?  
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\_\_\_\_\_