

Geologic time scale

“mya”= “millions of years ago”]

Phanerozoic (542.0 mya—present)	Cenozoic (65.5 mya—present)	Quaternary (2.588 mya—present) Holocene (11,700 yrs—present) Pleistocene (2.588 mya—11,700 yrs)
		Neogene (23.03—2.588 mya) Pliocene (5.332—2.588 mya) Miocene (23.03—5.332 mya)
		Paleogene (65.5—23.03 mya) Oligocene (33.9—23.03 mya) Eocene (55.8—33.9 mya) Paleocene (65.5—55.8 mya)
	Mesozoic (251.0—65.5 mya)	Cretaceous (145.5—65.5 mya) Upper (99.6—65.5 mya) * Lower (145.5—99.6 mya)
		Jurassic (199.6—145.5 mya) Upper (161.2—145.5 mya) Middle (175.6—161.2 mya) Lower (199.6—175.6 mya)
		Triassic (251.0—199.6 mya) Upper (228.7—199.6 mya) Middle (245.9—228.7 mya) Lower (251.0—245.9 mya)
	Paleozoic (542.0—251.0 mya)	Permian (299.0—251.0 mya) Lopingian (260.4—251.0 mya) Guadalupian (270.6—260.4 mya) Cisuralian (299.0—270.6 mya)
		Carboniferous (359.2—299.0 mya)
		Pennsylvanian (318.1—299.0 mya) Upper (307.2—299.0 mya) Middle (311.7—307.2 mya) Lower (318.1—311.7 mya)
		Mississippian (359.2—318.1 mya) Upper (328.3—318.1 mya) Middle (345.3—328.3 mya) Lower (359.2—345.3 mya)
Devonian (416.0—359.2 mya) Upper (385.3—359.2 mya) Middle (397.5—385.3 mya) Lower (416.0—397.5 mya)		
Silurian (443.7—416.0 mya) Pridoli (418.7—416.0 mya) Ludlow (422.9—418.7 mya) Wenlock (428.2—422.9 mya) Llandovery (443.7—428.2 mya)		
Ordovician (488.3—443.7 mya) Upper (460.9—443.7 mya) Middle (471.8—460.9 mya) Lower (488.3—471.8 mya)		
Cambrian (542.0—488.3 mya) Furongian (499—488.3 mya) Series 3 (510—499 mya) Series 2 (521—510 mya) Terreneuvian (542.0—521 mya)		
Precambrian (4600 to 542.0 mya)	Proterozoic (2500 to 542.0 mya) Neoproterozoic (1000—542.0 mya) Mesoproterozoic (1600—1000 mya) Paleoproterozoic (2500—1600 mya)	
Archean (4000 —2500 mya) Neoarchean (2800—2500 mya) Mesoarchean (3200—2800 mya) Paleoarchean (3600—3200 mya) Eoarchean (4000—3600 mya)		
Hadean (4600—4000 mya)		

Which Came First? Circle the geologic time that is the older of the two listed.

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| 1. Cambrian
Permian | 3. Paleozoic
Cenozoic | 5. Quaternary
Carboniferous |
| 2. Jurassic
Neogene | 4. Mesoarchean
Eoarchean | 6. Triassic
Silurian |