

Name: _____

Cosmic Calendar Events

Event	# of Years Ago	# of Days Ago	Calendar Date
1. Big Bang	13.7 billion	365	January 1
2. Formation of first neutral atoms	13.7 billion (400,000 years after Big Bang)	365	January 1
3. Formation of first stars and galaxies	About 13 billion		
4. Formation of the thin disk of the Milky Way Galaxy	About 9 billion		
5. Formation of the solar system	4.56 billion		
6. Formation of the Moon	About 4.5 billion		
7. Birth of life on Earth	About 3.8 billion		
8. First cells develop on Earth	About 2 billion		
9. First vertebrates (creatures with backbones)	About 520 million		
10. First dinosaurs	230 million		
11. First mammals	About 200 million		
12. Death of the dinosaurs from giant impact	65 million		
13. First bipedal hominids (human-like creatures walking on 2 legs)	About 4 million		
14. First humans (homo sapiens)	200,000 years		
15. Development of agriculture (farming)	About 10,000 years		
16. Development of the wheel for transportation	About 6,500 years		
17. Invention of the telescope	400 years		
18. Right Now	0	0	December 31, midnight