

1. Using a scale of 1mm = 1 million years, create a geologic time line of some major events in the earth's history.
2. Tape together pieces of computer paper, so that the full history of the planet can fit.
3. Mark the list of events on your time line and be sure to label them!
4. Remember to use the scale from #1!

<b>Event</b>	<b>Million Years Before Present</b>	<b>Distance in Metric Measures</b>
The present	0	_____
Ice Ages begin	1	_____
Earliest human	2	_____
Dinosaurs become extinct	65	_____
First birds	160	_____
East Coast of U.S. undergoes volcanic activity and earthquakes	190	_____
Dinosaurs begin to become dominant land animals	200	_____
Mammal-like reptiles	210	_____
First reptiles	285	_____
Appalachians being formed	290	_____
First amphibians	370	_____
Scorpion-like terrestrial animals	415	_____
First vertebrate animals	500	_____
First animals with shells	580	_____
Multicellular animals evolve	700	_____
Oldest known bacteria	3500	_____
Inferred age of the Earth	4600	_____

Practice examples (use scale of 1 millimeter = 1 million years)

1 millimeter = \_\_\_\_\_ million years

5 millimeters = \_\_\_\_\_ million years

10 millimeters = 1  
centimeter = \_\_\_\_\_ years

100 millimeters = 10  
centimeters = \_\_\_\_\_ million years

1000 millimeters = 1  
meter = \_\_\_\_\_ million years

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416 millimeters = \_\_\_\_\_ years

3 meters = \_\_\_\_\_ years

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100 million years = \_\_\_\_\_ millimeters

1000 million years = \_\_\_\_\_ millimeters

1 billion years = \_\_\_\_\_ meters

428 million years = \_\_\_\_\_ millimeters