

Time period	Major evolutionary event	General conversion multiplier	Distance run in a 10-kilometer race	Distance on a football field (100 yards)	Distance on a soccer field (100 meters)	Age in an ave. human lifespan (76 yrs)	Day in a calendar year	No. of the 407 M&M's in 1 lb bag	Time passed in a 3-hour exam	Time remaining in a 3-hour exam
4500 mya	Earth is formed; no free oxygen	0	0 m	0 yds	0 m	0 yrs	Jan. 1st	0 eaten	0 min	180 min
3800 mya	Prokaryotes evolve; hydrosphere present	0.1556	1556 m	15 yds 20 in	15.56 m	12 yrs old	Feb. 25th	63 eaten	28min	152 min
2500 mya	Eukaryotes evolve; oxygen present in atmosphere	0.4444	4444 m	44 yds 16 in	44.44 m	34 yrs old	June 13th	181 eaten	80 min	100 min
543 mya	Cambrian Period; explosion of animal phyla	0.8793	8793 m	87 yds 33 in	87.93 m	67 yrs old	Nov. 15th	357 eaten	158.3 min	21.7 min
500 mya	Ordovician Period; evidence of complex plants on land	0.8889	8889 m	88 yds 32 in	88.89 m	67.5 yrs old	Nov. 19th	361 eaten	160 min	20 min
440 mya	Silurian Period; vascular plants and arthropods on land	0.9022	9022 m	90 yds 8 in	90.22 m	68.5 yrs old	Nov. 24th	367 eaten	162.4 min	17.6 min
409 mya	Devonian Period; mountain building in North America; fresh water increasing	0.9091	9091 m	90 yds 33 in	90.91 m	69 yrs old	Nov. 27th	370 eaten	163.6 min	16.4 min
354 mya	Carboniferous Period; major radiation of insects	0.9213	9213 m	92 yds 5 in	92.13 m	70 yrs old	Dec. 1st	374 eaten	165.8 min	14.2 min
290 mya	Permian Period; mammal-like reptiles predominate; huge land and sea extinction event at period's end	0.9356	9356 m	93 yds 20 in	93.56 m	71 yrs old	Dec. 6th	380 eaten	168.4 min	11.6 min
245 mya	Triassic Period; ancestors of dinosaurs present and diversifying	0.9456	9456 m	94 yds 20 in	94.56 m	72 yrs old	Dec. 9th	384 eaten	170.2 min	9.8 min
206 mya	Jurassic Period; Pangaea begins breaking up; dinosaurs continue to diversify	0.9542	9542 m	95 yds 15 in	95.42 m	72.5 yrs old	Dec. 13th	388 eaten	171.8 min	8.2 min
144 mya	Cretaceous Period; angiosperms rapidly diversify	0.968	9680 m	96 yds 28 in	96.80 m	73.5 yrs old	Dec. 18th	394 eaten	174.2 min	5.8 min
65 mya	Tertiary Period; terrestrial and marine reptiles and many marine invertebrates go extinct	0.9856	9856 m	98 yds 20 in	98.56 m	75 yrs old	Dec. 24th	401 eaten	177.4 min	2.6 min
1.8 mya	Quaternary Period; first hominids present	0.9996	9996 m	99 yds 35 in	99.96 m	76 yrs, 355 days	8:30 p.m.	406.8 eaten	179.9 min	0.1 min
							Dec. 31st			

Time period	Major Evolutionary Event	General conversion factor	Distance on a football field (100 yds)	Distance on a soccer field (100 m)	Age in an average human lifespan (76 yrs)	Day in a calendar year	No. of the 407 MBMs in a one-pound bat	Distance run in a 10-kilometer	Time passed in a 3-hour exam	Time remaining in a 3-hour exam
600 mya	Cambrian explosion begins	0	0 yds	0 m	0 yrs	Jan. 1st	0 eaten	0 m	0 min	180 min
550 mya	First chordates	0.08333	8 yds 12 in	8.33 m	6.3 yrs old	Jan. 29th	38 eaten	833 m	15.0 min	165 min
505 mya	First jawless fish	0.15833	15 yds 30 in	15.83 m	12 yrs old	Feb. 28th	64 eaten	1583 m	28.5 min	151.5 min
438 mya	First sharks	0.27	27 yds	27.00 m	20 yrs old	Apr. 9th	110 eaten	2700 m	48.6 min	131.4 min
410 mya	First bony fish	0.31667	31 yds 24 in	31.67 m	24 yrs old	Apr. 28th	128 eaten	3167 m	57.0 min	123.0 min
375 mya	First amphibians	0.375	37 yds 18 in	37.50 m	28.5 yrs old	May 17th	152 eaten	3750 m	67.5 min	112.5 min
320 mya	First reptiles	0.46667	46 yds 24 in	46.67 m	35.5 yrs old	Jun 20th	190 eaten	4667 m	84.0 min	96.0 min
245 mya	Break-up of Pangaea	0.59167	59 yds 6 in	59.17 m	45 yrs old	Aug. 5th	241 eaten	5917 m	106.5 min	73.5 min
215 mya	First mammals	0.64167	64 yds 6 in	64.17 m	49 yrs old	Aug. 22nd	261 eaten	6417 m	115.5 min	64.5 min
150 mya	First birds	0.75	75 yds	75.00 m	57 yrs old	Oct. 1st	305 eaten	7500 m	135.0 min	45.0 min
144 mya	Break-up of Gondwana	0.76	76 yds	76.00 m	58 yrs old	Oct. 4th	309 eaten	7600 m	136.8 min	43.2 min
65 mya	Last dinosaurs	0.89167	89 yds 6 in	89.17 m	68 yrs old	Nov. 23rd	363 eaten	8917 m	160.5 min	19.5 min
40 mya	First primates	0.93333	93 yds 12 in	93.33 m	71 yrs old	Dec. 7th	380 eaten	9333 m	168.0 min	12.0 min
25 mya	First apes	0.95833	95 yds 30 in	95.83 m	73 yrs old	Dec. 14th	390 eaten	9583 m	172.5 min	7.5 min
4.5 mya	First hominids	0.9925	99 yds 9 in	99.25 m	75 yrs, 5 mon old	Dec. 26th	404 eaten	9925 m	179.3 min	0.7 min
2.5 mya	First Quaternary ice	0.99583	99 yds 21 in	99.58 m	75 yrs, 7 mon old	Dec. 28th	405 eaten	9958 m	179.4 min	0.6 min
2.0 mya	<i>Homo habilis</i>	0.99667	99 yds 24 in	99.67 m	75 yrs, 8 mon old	Dec. 29th	405 eaten	9967 m	179.96 min	0.04 min
0.13 mya	Neanderthals	0.99978	99 yds 35.2 in	99.98 m	75 yrs, 9 mon old	Dec. 30th	406 eaten	9998 m	179.97 min	0.03 min
0.09 mya	<i>Homo sapiens</i>	0.99985	99 yds 35.5 in	99.99 m	75 yrs, 11 mon, 14 days old	Dec. 31st	407 eaten	9998.5 m	179.99 min	0.01 min
0.015 mya	Last ice age	0.99998	99 yds 35.9 in	100.00 m	75 yrs, 11 mon, 28 days old	Dec. 31st	407 eaten	9999.8 m	180.0 min	0 min