

Per the Kentucky Derby web site, "The Kentucky Derby is the longest running sporting event in the United States"[♦] and has been referred to as "the most exciting two minutes in sports"[♦]. This 1.25-mile horse race, conducted every May since 1875, has produced notable winners such as War Admiral, Secretariat, Seattle Slew, and American Pharoah, each a Triple Crown Winner, and for which Secretariat holds the record for the "fastest" race-time (1:59.4 minutes[▲]).

1 inch = 2.54 centimeters

1 yard = 3 feet

1 rod = 5.5 yards

1 league = 24 furlongs

1 fathom = 6 feet

1 furlong = 40 rods

1 mile = 5280 feet

1 nautical mile = 1852 meters

- (i) Use the measurements provided above to determine the length of the Kentucky Derby in leagues.
- (ii) Use the measurements provided above to determine the length of the Kentucky Derby in nautical miles.

[♦] <http://www.kentuckyderby.com/history/kentucky-derby-history>

[▲] <http://www.kentuckyderby.com/history/kentucky-derby-winners>