

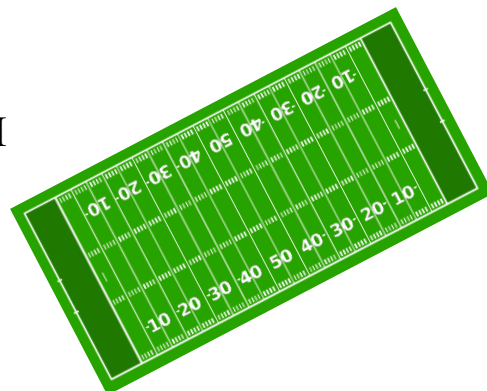
Honors Physical Science
Unit Conversions

Name: _____ Period: _____

1. The equatorial circumference of Earth is 40,075 km.
- a) Write Earth's circumference in scientific notation.
 - b) What is the circumference of Earth in meters?
 - c) One mile equals 1.61 kilometers. What is Earth's circumference in miles?



2. A football field is 100 yards long. Given that there are 2.54 cm in one inch, how long is a football field in SI units?



3. You grow up to sell propane and propane accessories. The density of propane is 30.777 lb/ft^3 . Convert this to SI units (1 lb = 454 g, 1 in = 2.54 cm).

