

CIS 255 - Java Programming
Homework #3 (Notes)
Arithmetic Java Classes

Name: _____

Date: _____

1. The equation to convert length into yards from length in meters is $y = 1.0936m$, where y is yards and m is meters. Write an interactive Java class named `ConvertLength` which prompts the user to enter a length in meters, calculates and prints the equivalent length in yards.
2. The equation for the area of an ellipse is $a = \pi \times r1 \times r2$, where a is area, π is 3.14, $r1$ is the first radius, and $r2$ is second radius. Write a Java class `AreaEllipseCalc` which calculates and prints the area of a box with the first radius of 12 feet and the second radius is 2 feet. (Do not use interaction)