1 - ROD CONVERSIONS

Conversions are useful both in science and daily life. Here we examine some obscure, but useful conversions as well as some silly ones.

Your program will prompt the user for a floating-point value representing a distance in rods. You will reprint that value along with that value converted to the following values. The most important value is the time to walk the distance.

- Meters
- Feet
- Miles
- Furlongs
- The time in minutes to walk that distance

You can find these measures on the web, but so everyone is using the same conversions:

- 1 rod = 5.0292 meters
- 1 furlong = 40 rods
- 1 mile = 1609.34 meters
- 1 foot = 0.3048 meters
- average walking speed is 3.1 miles per hour

Sample output:

```
### ECO CS 18 ##
### Project 1 ##

Input rods: 10
You input 10.0 rods.

Conversions
Meters: 50.292
Feet: 165.0
Miles: 0.03125007767159208
Furlongs: 0.25
Minutes to walk 10.0 rods: 0.6048402129985564
```