**Aircraft Fuel Calculator**

Create a program that calculates the amount of time and fuel for a 1980 Cessna 172N to

fly a specified distance.

**Console**

**Aircraft Fuel Calculator**

**Distance in nautical miles: 180**

**Flight time: 1 hour(s) and 30 minute(s)**

**Required fuel: 16.8 gallons**

**Continue? (y/n): y**

**Distance in nautical miles: 121**

**Flight time: 1 hour(s) and 0 minute(s)**

**Required fuel: 12.7 gallons**

**Continue? (y/n): n**

**Bye!**

**Specifications**

* Assume that a 1980 Cessna 172N can fly 120 nautical miles (knots) per hour.
* Assume that a 1980 Cessna 172N burns 8.4 gallons of gas per hour.
* For safety, add a half hour to the flight time when calculating the amount of required

fuel.

* Round the amount of required fuel to 1 decimal place. For safety, always round up,

never down.

* Assume that the user will enter valid data.