

3. HTML file

```
<!DOCTYPE html>
<html>
  <head>
    <title></title>
    <script src="test.js"></script>
  </head>
  <body onload="metric(); imperial()"> <!-- Call the 2 functions on body load -->
</body>
</html>
```

Javascript file

```
function metric(){
  var distance = 500;
  var fuel = 52.28;
  var efficiency = (fuel/distance)*100; // Calculate fuel economy per 100 Km
  console.log("Your car has a fuel economy of " +efficiency.toFixed(2)+ " litres per hundred kilometres"); // convert to 2 decimal places and print the result on console
}

function imperial(){
  var distance = 500/1.609; // convert KM to Mile
  var fuel = 52.28/4.546; // convert litres to imperial gallon
  var efficiency = (fuel/distance)*100; // Calculate fuel economy per 100 Km
  console.log("Your car has a fuel economy of " +efficiency.toFixed(2)+ " gallons per hundred miles");
  // convert to 2 decimal places and print the result on console
}
```

Output

```
Your car has a fuel economy of 10.46 litres per hundred kilometres
Your car has a fuel economy of 3.70 gallons per hundred miles
```