

<?php

```
$pressure = (float)readline("Enter Pressure Amount:");
$length = (float)readline("Enter length Amount:");
$width = (float)readline("Enter width Amount:");
$height = (float)readline("Enter height Amount:");

// Calculate volume
$volume = $length * $width * $height;
//printing volume
echo "Volume of particle in meters= $volume m3";
// Convert temperature to Kelvin
$temperature = (float)readline("Enter Temperature (°C): Amount:");
$temperature += 273.14;
//printing kelvin Temperature

echo " temperature in Kelvin is: $temperature k";

// Calculate number of moles
$moles = ($pressure * $volume) / (8.314 * $temperature);

// Round to the nearest whole number
$roundedMoles = round($moles);

// Convert to even or odd value
if ($roundedMoles % 2 == 0) {
    $convertedMoles = $roundedMoles + 1;
} else {
```

```
$convertedMoles = $roundedMoles - 1;  
}
```

```
// Display the results
```

```
echo "<h2>Results</h2>";
```

```
echo "Initial Moles (n): $moles mol<br>";
```

```
echo "Rounded Moles: $roundedMoles mol<br>";
```

```
echo "Converted Moles: $convertedMoles mol";
```

```
?>
```