```python
import numpy as np
fuel_efficiency = np.array([22, 25, 30, 35, 40])
average_efficiency = np.mean(fuel_efficiency)
model_1 = fuel_efficiency[1]
model_2 = fuel_efficiency[4]

percentage_improvement = ((model_2 - model_1) / model_1) * 100

print("Average Fuel Efficiency:", average_efficiency, "mpg")
print("Percentage Improvement from Model 2 to Model 5:", percentage_improvement, "%")
```

```
Average Fuel Efficiency: 30.4 mpg
Percentage Improvement from Model 2 to Model 5: 60.0 %
```