



Handout - Touring Expense Word Problems (Teacher's Guide)

As a class, consider and solve the following two problems related to Jackson Browne's touring schedule:

1. On August 12th, 1977 Jackson Browne performed a concert at Red Rocks Amphitheatre near Morrison, Colorado. He then traveled to Los Angeles, California to perform at Universal Amphitheatre the next day.

The distance between Morrison and Los Angeles is 1,014 miles. On average, a tour bus can travel 6 miles on 1 gallon of gasoline. How many gallons of gas would it take to travel from Morrison to Los Angeles?

$$1,014/6 = 169$$

2. In 1977, the cost of a gallon of gas was 62 cents. How much did it cost to travel from Morrison to Los Angeles in gas?

$$169 \cdot .62 = 104.78$$