2. The same dealership decides to test fuel efficiency of SUVs. It selects six SUVs on its lot for the test. The fuel efficiencies (in miles per gallon) of these cars are shown below.

21 21 21 30 28 24

Calculate the mean and the standard deviation of these values. Be sure to show your work, and include a unit in your answer.

Fuel Efficiencies					
Deviation from mean					
Squared Deviation					

3. You also calculated the standard deviation of the fuel efficiencies for the cars in Problem 2. Which of the two data sets (Problem 1 or Problem 2) has the larger standard deviation? What does this tell you about the two types of cars (sedans and SUVs)?