

Algebra 3-4  
Unit 3 Practice Work Sample #2

Name: \_\_\_\_\_ Per: \_\_\_\_\_  
Date: \_\_\_\_\_

In 2010 the value of a car was \$24,500. Since this time the value has been decreasing. This relationship can be modeled with either a linear or exponential model. The linear model has a constant decrease of \$1100 per year. The exponential model has a decrease of 6% per year. Which model indicates a higher value for the car in 2016?