	cording to a survey by the U-M Transportation Research Institute, gasoline prices are projected each \$5.00 a gallon by the year 2020.
(a)	(5 points) Assuming that the average gas price in 2007 is 200 per gallon (yes, we know that is wishful thinking), find an exponential function, P , that models the average gas price t years after 2007. Show either an "exact" answer or at least 4 decimal places in your answer.
(b)) (2 points) What is the <i>annual</i> percent change in the average gas price according to this model? (Show to at least one decimal place.)
(c)	(2 points) What is the yearly <i>continuous</i> percent rate of change for this model? (Show to two decimal places.)
(d) (5 points) If, instead, gasoline prices grow linearly between 2007 and 2020, find a linear function, L , to model the price t years after 2007.
(e)	(2 points) The survey indicates that prices may be \$4.00 per gallon eight years from now. Which of the two models best predicts this projection?