

Algebra One CP2
Chapter 7 Word Problems
Homework

Name: _____ GB# _____
Date: _____
Period: _____

Directions: (A) Define a variable. (B) Write an inequality that represents the situation.
(C) Solve the inequality. (D) Give the answer as an inequality and as a phrase including the proper units

1) Stephanie's test grades are 93, 87, 98, and 80. What grade must she get on the next test to keep at least an A average?	2) Shelby and Vicki go shopping. With Vicki's help, Shelby buys a pair of pants for \$55. Shelby has \$42. How much money does Vicki have in her wallet?
(A)	(A)
(B)	(B)
(C)	(C)
(D)	(D)

3) Sam has \$40.00 to buy tickets to a ball game. The tickets are \$6.75 each. What is the greatest number of tickets he can buy?	4) A large pizza is \$12.99. Each topping costs \$1.50. If Joe only has \$20, what is the maximum number of topping he can order?
(A)	(A)
(B)	(B)
(C)	(C)
(D)	(D)

<p>5) Patrick budgeted \$200 to spend on a rental car. It cost \$165 to rent a car per week, then \$0.12 per mile driven. What is the most number of miles Patrick can drive to stay in budget?</p>	<p>6) Noelle and her sisters decide to have their portrait taken for their parents' anniversary present. There is a \$5.00 sitting fee and each picture costs \$21.00. How many pictures can they give their parents if they plan to only spend \$70.00</p>
<p>(A)</p>	<p>(A)</p>
<p>(B)</p>	<p>(B)</p>
<p>(C)</p>	<p>(C)</p>
<p>(D)</p>	<p>(D)</p>

<p>7) A summer recreation department charges \$45.00 for a season ticket to the town pool. Admission to the pool for one day is \$1.75. How many days would John have to go swimming at the regular price in order to spend at least the cost of the season ticket?</p>	<p>8) The owners of a skating rink sell discount cards for \$15.00 that are worth \$0.50 off the regular admission price of \$3.00. The discount cards are good for six months. At least how many times would Lauren have to go skating in order to pay less, overall, with the discount card than without it?</p>
<p>(A)</p>	<p>(A)</p>
<p>(B)</p>	<p>(B)</p>
<p>(C)</p>	<p>(C)</p>
<p>(D)</p>	<p>(D)</p>