Name _____   Date _____

Creating Equations and Inequalities- Independent Practice Worksheet

Write an equation or inequality to solve each scenario.
Complete all the problems.

1. 500 students went on picnic trip. 10 students travelled in each car. Find out how many cars were used for the picnic trip?

2. John bought ten books all at the same price. The total cost of the books was $242. He gave two books to his friend. What was the value of the books that he gave to his friend?

3. Jolly had some burgers. He ate two burgers and then he divided the remaining burgers amongst his friends. He has five friends. Every friend received two burgers. How many burgers did Jolly start with?

4. Jill is a sales person for Mountain Transport. Every month she sells vehicles in this ratio one car for every six bicycles, and two motorcycles. Write an expression to determine the number of vehicles Jill sells every month.

5. A shopkeeper has a special where for one price you get four bags, five pairs of shoes, and a custom towel. Write a statement that would help the shop keeper determine his price for this special?

6. Jack's Big Shop had a huge back to college special. For $1,000 you get seven desk chairs, five tables, and two laptops. Write a equation to determine the number of items Jack's Big Shop sells?

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7. Jorge Handsmith is one of the Football league star players. He is also somewhat of a statistical phenomena. For every point he scores, he has 3 receiving yards, and 5 rushing yards. Write an equation that would help you determine the number of yards Jorge score in the game, if he had 21 points.

8. Ron works 5 hours for a total of $300. He deposits all of his money is his account. He is trying to save $ 500 for a new LED TV. How many hours must he work to take home $500, if he saves all of his earnings?

9. Samuel has $1,000 in his saving account. Samuel buys a new front door for his home for $700. He wants to withdraw $50 a week from his account for personal expenses. For how many weeks can Samuel withdraw money for? Write an equation to explain.

10. James scored 300 runs in cricket. He requires 900 runs to qualify for league MVP contention. He scores 50 runs during the average game. How many games does he have to play to score the remaining runs he needs?