

Name: _____

Heatherwood Mathletes
Some Math Olympiad Problems

Problem 1. (Olympiad 20.1) A train is traveling at the speed of 1 mile in 1 minute and 20 seconds? How far will the train travel in 1 hour?

Problem 2. (Olympiad 20.2) Which number between 1 and 100 satisfies the following conditions? If it is divided by 3 or 5, the remainder is 1. If it is divided by 7, there is no remainder?

Problem 3. (Olympiad 18.1) The sum of the weights of two students is 138 pounds, and one is 34 pounds heavier than the other. How much does the heavier student weigh?

Problem 4. (Olympiad 18.2) When I open my math book, there are two pages that face me. If the product of the two numbers equals 1806, what are the two page numbers?

Problem 5. (Olympiad 13.3) Consecutive numbers are whole numbers that follow in order, like 7,8,9,10,11,12. Find three consecutive numbers such that the sum of the first and third is 118.