

ACT Statistics Practice

Name _____

1. History class has three major exams that make up Joe's grade. If he scores an 88 on the first exam, 86 on the second exam and 96 on the third exam, what is his average on all three exams?

2. Sam earned \$8/hour working three eight-hour shifts, Monday through Wednesday, at her waitressing job, and earned \$9.75/hour tutoring five hours a day, Friday through Sunday. Approximately, what were her daily earnings?

3. Fred received an 82, 85, and 95 on his first 3 test of the semester. What must Fred score on the fourth test to have an average of 90 for the class?

4. Derek's golf scores for 3 days were 77, 79, and 73. If his 4 day average was 74, what was his score on the fourth day?

5. After four tests, Nick has an average of 88: what score does he need to have on the fifth test to raise his average to a 90?

6. The average of four numbers is 27. A new number, x , is added to these four, and the new average is 25. What is the value of x ?

7. A graduating class has 300 women and 250 men. The women's ages average to 27 and the men's average to 29. What is the average age of the class?

8. What is the sum of the range, mean, mode and median of the following numbers?
15, 2, 7, 3, 11, 5, 12, 2, 6