Computations involving the mean, sample size, and sum of a data set: Worksheet 8.3

Name Score	
1.	The average of 4 consecutive even integers is 19. Find the average of the first two of those integers.
2.	The mean of a, b and c is 29. The sum of a and twice the value of c is 31. What is a + 2b equal to?
3.	7 consecutive even integer have an average of 28. Find the average of the greatest two of those integers.
4.	5 consecutive integers have an average of 99. What's the average of the first three of those integers?
5.	The average of four numbers is 18. If three of those numbers are 7, 9 and 21, find the last number.
6.	The average temperature over a 10-day period was 85 degrees. For the
_	first six days, the average temperature was 87 degrees. Over the next 4 days, what was the average temperature?
7.	The average of x and 3 is equal to the average of x, 6 and 9. Find x.
8.	The average of 14, 18 and 19 is 10 more than the average of 8 and what number?
9.	P is a set of numbers with a mean) of 10. Q is a set of numbers found by adding 2 to each of the numbers in set P. What is the average of the numbers in set Q?
10.	5 consecutive odd integers have an average of 101. What's the average of the first three of those integers?



Solutions: Worksheet 8.3

- 1. 17
- 2. 27
- 3. 33
- 4. 98
- 5. 35
- 6. 82 degrees
- 7. 21
- 8. 6
- 9. 12
- 10. 99