

Number Problems

1. Twice a number increased by twelve is seven more than three times that number.
2. The sum of two numbers is 17. Five times one number is one more than twice the other.
3. The difference of two numbers is 11. Twice one number is six more than the other.
4. The sum of two numbers is 23. Twice one number is two less than the other. Find the two numbers.
5. The sum of two integers is 10. Three times the larger integer is three less than eight times the smaller integer. Find the integers.
6. The sum of two integers is thirty. Eight times the smaller integer is six more than five times the larger integer. Find the integers.
7. One integer is eight less than another integer. The sum of the two integers is fifty. Find the integers.
8. One integer is four more than another integer. The sum of the two integers is twenty six. Find the integers.
9. The sum of three numbers is one hundred twenty-three. The second number is two more than twice the first number. The third number is five less than three times the first number. Find the three numbers.
10. The sum of three numbers is forty two. The second number is twice the first number and the third number is three less than the second number. Find the three numbers.
11. Twice a number increased by nine is thirteen less than three times the number. Find the number.
12. Twenty increased by five times the sum of a number and two, is the same as six decreased by three times the number. What is the number?
13. Twice a number increased by twelve is thirty one less than three times the number. Find the number.
14. Twice the sum of a number and three is the same as twenty four less than seven times the number. What is the number?
15. The second of three numbers is five more than three times the first number, and the third number is four times the second number. Find the three numbers if the third is fourteen times the first.