

Word Problems-Numbers

Using the Problem Solving Plan, show each step clearly and solve each problem.

Number Problems:

1. A number increased by 13 is -5. Find the number.
2. Fifteen less than a number is 43. Find the number.
3. The opposite of seven times a number is 238. Find the number.
4. One fourth of a number is 73. Find the number.
5. If you subtract 34 from the product of 15 and a number, you get 146. Find the number.
6. The larger of two consecutive integers is 10 more than twice the smaller. Find the integers.
7. Find a number whose product with 6 is the same as its sum with 45.
8. Five times a number, increased by 3, is the same as three times the number, increased by 27. Find the number.
9. The sum of two numbers is 20. Twice one number is 4 more than four times the other. Find the numbers.
10. Find two consecutive integers whose sum is 103.
11. Find three consecutive integers whose sum is four times the greatest integer.