Word Problems Quadratic

1. A number is squared and added to twice the same number to give a total of 15. Find two possible numbers that fit this description.

2. A number squared, minus 4 times the same number gives a total of 21. Find two possible numbers that fit this description.

3. One natural number is four greater than another. The product of these numbers is 32. Find the two numbers.

4. One natural number is five greater than another. The product of the two numbers is 24. Find the two numbers.

5. Two consecutive natural numbers have a product of 42. Find the two numbers.

6. Two consecutive positive even numbers have a product of 48. What are the two numbers?

7. Two consecutive positive odd numbers have a product of 99. What are the two numbers?

8. Three times the square of a number added to five times the same number, gives a result of 2. Find two numbers which satisfy these conditions.

9. Four times the square of a number added to twice the same number gives a total of 1. Find two such numbers, giving you answers correct to two decimal places.

10. One positive number is 4 greater than another. The sum of their squares is 58. Find the two numbers.

11. Two consecutive positive even numbers are such that the first number squared is 10 more than the second. Find the two numbers.

12. Two consecutive odd numbers are such that the sum of their squares is 34. Find the two numbers.