

8) The sum of two numbers is 5 and the sum of their squares is 17.62. Find the two numbers.

Equation 1: _____

Equation 2: _____

Solution: 4.1 & .9

9) The difference of two numbers is 9 and the difference of their squares is 86.4. Find the two numbers.

Equation 1: _____

Equation 2: _____

Solution: -5 & -2

10) The product of two numbers is -6 and the sum of their squares is 13. Find the two numbers.

Equation 1: _____

Equation 2: _____

Solution: 3 & -2
-3 & 2
2 & -3, -2 & 3