



## EQUATION SOLUTIONS

### Why

If I am holding 3 stones in both hands, and I have two of them in my left hand, how many might I have in my right hand? If I am holding fewer than 5 pebbles, how many might I have in my right hand?

### Overview

I am asserting above that I have three pebbles and that I have two in my left hand. A solution of the equation is any possible number of pebbles I could be holding in my right hand such that the sum is three.

We define the find function.

Discuss solutions in a set. Discuss existence of solution. Discuss uniqueness of solution.

### Notation

We can denote the pebble equation as find  $n$  so that

$$2 + n = 3.$$

Equation Solutions



Equations



Identity



Objects